

Test Report

Report No. : AGC03778250405-003S1

SAMPLE NAME : Sunglasses with mirrored lenses

MODEL NAME : MO8652-03

APPLICANT: MID OCEAN BRANDS B.V.

STANDARD(S) : Please refer to the following page(s).

DATE OF ISSUE : May 19, 2025

Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd.





Applicant : MID OCEAN BRANDS B.V.

Address : 7/F. Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong

Report on the submitted sample(s) said to be:

Sample Name : Sunglasses with mirrored lenses

Material Plastic

Model : MO8652-03

Vendor Code : 101191

Country of Origin : CHINA

Country of Destination : EUROPE

Cat. No. : Cat.3

Filter Type : Uniform Lenses
Frame Color : White/Grey
Lenses Color : Mirror Grey
Age Grading : Adults

Sample Received Date : Apr. 29, 2025

Testing Period : Apr. 29, 2025 to May 19, 2025

Test Requested : Selected test(s) as requested by client.

Test Requested: Conclusion

ISO 12312-1: 2022 Eye and face protection — Sunglasses and related eyewear

- Part 1: Sunglasses for general use

Pass

UV400 (In-house test, non- accredited test item and test method refer to attached pages for details)

Pass

Approved by: Len

Suhongliang, Leon

Technical Director



Report Revise Record

Report Version	Issued Date	Valid Version	Notes
/	May 09, 2025	Invalid	Initial release
S1	May 19, 2025	Valid	Modify test result



The photo of the sample



The photo of AGC03778250405-003S1 is for use only with the original report.

Test Point Description

Test point	Test point description
3	Sunglasses



Note: N.D.=Not Detected (less than method detection limit), MDL = Method Detection Limit, 1mg/kg=0.0001%

Tests Conducted Summary

Note: #1 The applicant's attention was drawn that the manufacturer should not use the frame materials which are known to cause irritation, allergic or toxic reaction during wear in a normal state of health against significant proportion of users. Sunglasses shall be designed, manufactured and packaged in such way that, when used under normal conditions, they will not compromise the health or safety of the wearer. The risks posed by substances leaking or evaporating from the sunglasses that can come into prolonged contact with the wearer shall be reduced by the manufacturer to within the limit of any applicable regulatory requirement.

Special attention shall be given to substances that are allergenic, carcinogenic, mutagenic or toxic to reproduction. Substances recommended for cleaning, maintenance or disinfection shall be known to be unlikely to have any adverse effect upon the wearer, when applied in accordance with the instructions given in the information to be supplied by the manufacturer.

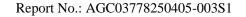
Manufacturers/suppliers shall perform an appropriate risk analysis on potentially harmful substances contained in the sunglasses that, when the sunglasses are used under normal conditions, the health (and safety) of the wearer shall not be compromised.

The following are examples of documents that represent the appropriate information: a) specification of the material(s); b) safety data sheets relating to the materials;

- c) information relating to the suitability of the materials for use in medical devices, or other relevant applications;
- d) information relating to toxicological, allergenic, carcinogenic, toxic to reproduction, or mutagenic investigations on the materials.

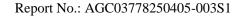
Tests Conducted Summary

R	REQUIREMENT		TESTING			
Test item(s)			According to Clause	According to Clause	RESULTS	
Construction			4.1	ISO 18526-3:2020, 6.1	P	
	Filter material an	nd surface quality	4.2	ISO 18526-3:2020, 6.6	P	
Construction and materials	Physiological co (only test Nickel standard)	mpatibility release, refer to EN 16128	4.3	EN 16128:2015	NA	
		For adult's sunglasses: 1-M		ISO 18526-4	P	
	Head forms	For children's: 1-C6 or 1-C12	4.4		NA	
Transmittance	Transmittanss	Filter categories			Cat.3	
	Transmittance and filter UV requirements		5.2	ISO 18526-2:2020, 7	P	
	categories	Enhanced infrared absorption (If claim)	3.2	20 10020 2.2020, 7	NA	





I	REQUIREMEN'	TS (According to ISO 12312-1)		TESTING	
	Test	item(s)	According to Clause	According to Clause	RESULTS
	Uniformity of lu	uminous transmittance	5.3.1	ISO 18526-2:2020, 7	P
General transmittance requirements		Filter categories	5.3.2.1	ISO 18526-2:2020, 7	P
	Requirements	Spectral transmittance	5.3.2.1	ISO 18526-2:2020, 7	P
	for road use and driving	Detection of signal lights	5.3.2.1	ISO 18526-2:2020, 11	P
1	and driving	Road use (including driving) in twilight or at night	5.3.2.2	ISO 18526-2:2020, 16.3.2	NA
	Wide angle scat	tering	5.3.3	ISO 18526-2:2020, 14.1	P
	Photochromic f	ilters	5.3.4.1	ISO 18526-2:2020, 16.	NA
	Polarizing filter	s	5.3.4.2	ISO 18526-2:2020, 15	NA
	Gradient filters		5.3.4.3	ISO 18526-2:2020, 7	NA
Additional transmittance	Electro-optical sun glare filter, electro-optical	General	5.3.4.4.1	ISO 18526-2:2020, 17.11 and Annex E.	NA
requirements		Default mode	5.3.4.4.2		NA
for specific		Reaction time	5.3.4.4.3	ISO 18526-2:2020, 17.11	NA
filter types		Photosensitive seizures	5.3.4.4.4		NA
	sunglass filter	Combined uniformity and angular dependence of luminous transmittance	5.3.4.4.5	ISO 18526-2:2020	NA
		Narrow angle scatter	5.3.4.4.6	ISO 18526-2:2020, 14.2	NA
	Blue-light absor	rption/transmittance	5.3.5.1	ISO 18526-2:2020, 7	NA
Claimed	UV absorption/	transmittance	5.3.5.2	ISO 18526-2:2020, 7	NA
transmittance	Antireflective c	oated sunglasses	5.3.5.3	ISO 18526-2:2020,13	NA
properties	Reduced reflect	ion coated sunglasses	5.3.5.4	ISO 18526-2:2020,13	NA
	Enhanced infrar	ed absorption	5.3.5.5	ISO 18526-2:2020, 7	NA





]	REQUIREMENTS (According to ISO 12312-1)		TESTING	
	Test item(s)	According to Clause	According to Clause	RESULTS
	Spherical and astigmatic power	6.1	ISO 18526-1:2020, 6.1	P
Refractive power	Spatial deviation(If during the measurements spherical and astigmatic power, a doubling or other aberration of the image is observed)	6.2	ISO 18526-1:2020, 6.3	NA
	Prism imbalance (relative prism error)	6.3	ISO 18526-2:2020, 6.2	P
	Minimum robustness of filters(remark: this test is not necessary if the sunglasses meet 7.3 or 7.6)	7.1	ISO 18526-3:2020, 7.2.1	Р
	Frame deformation and retention of filters	7.2	ISO 12311, 6	P
	Impact resistance of sunglasses, strength level 1 (optional specification)	7.3	ISO 18526-3:2020, 7.3.1	NA
Robustness	Increased endurance of sunglasses (optional specification)	7.4	ISO 12311, 9.7	NA
	Resistance to perspiration(optional specification)	7.5	ISO 12311, 9.10	NA
	Impact resistance of sunglasses, strength level 2 (optional specification)	7.6	ISO 18526-3:2020, 7.3.1	NA
	Impact resistance of sunglasses, strength level 3 (optional specification)	7.6	ISO 18526-3:2020, 7.3.2	NA
Resistance to	solar radiation	8	ISO 18526-3:2020, 6.8.2	P
Resistance to	ignition	9	ISO 18526-3:2020, 6.10	P
Resistance to	abrasion (Optional specification)	10	ISO 8980-5	NA
Protective	Coverage area	11.1		P
requirements	Temporal protective requirements(Apply for Cat.4)	11.2		NA
Information and labeling	Information to be supplied with each pair of sunglasses	12.1		P
	Additional information	12.2		•

Remark: Test result Clause 7.1 was resubmitted sample on May 13, 2025.

P=Pass; F=Fail; NA=Not Applicable; NR=Not Require; X=Checked; Cat.=Category;

 τv =luminous transmittance



Construction — Clause 4.1 and Filter material and surface quality — Clause 4.2

			Defects			
Sample No.	Construction		Filter Material and Surface Quality		Comment	Result
	Observed	Absent	Observed	Absent		
3		X		X		P

Requirements:

- 1. Construction: Areas of the sunglass, including the frame and, if in a rimless or semi-rimless style, the edges of the filters, that may come into contact with the wearer during intended use shall be smooth and without sharp projections.
- 2.Filter material and surface quality: Except in a marginal area 5 mm wide, sunglass filters shall have no material or machining defects within an area of 30 mm diameter centred on the reference point that could impair vision, e.g. bubbles, scratches, inclusions, dull spots, pitting, mould marks, notches, reinforced areas, specks, beads, water specks, pock marks, gas inclusions, splintering, cracks, polishing defects or undulations. If this 5 mm wide portion around the edge of the test sample intrudes into this circular area, then this intrusion shall be excluded from testing.

Transmittance and filter categories — Clause 5.2

Sample No.: 3				
Test Items	Requirements	Left	Right	Result
	For Cat. 0: 80.0~100			
	For Cat. 1: 43.0~80.0			
rv (380~780)nm (%)	For Cat. 2: 18.0~43.0	15.8	15.5	-
	For Cat. 3: 8.0~18.0			Р
	For Cat. 4: 3.0~8.0			
Filter Cat.	Claimed: Cat.3	Cat.3	Cat.3	
τ _{SUVB} (280~315)nm (%)	□ For Cat. 0,1: \leq 0.05τ _{V D65} □ For Cat. 2: 1.0% absolute or 0.05τ _{VD65} whichever is greater; □ For Cat. 3, 4:1.0% absolute	0.0	0.0	P
τ _{SUVA} (315~380)nm (%)	☐ For Cat. 0,1: $\leq \tau v_{D65}$; \boxtimes For Cat. 2, 3: $\leq 0.5 \tau v_{D65}$ ☐ For Cat. 4:1.0% absolute or 0.25 τv_{D65} whichever is greater;	0.0	0.0	P
τ _{Sb} (380~500)nm (%)		12.4	12.1	Only Re

Measurement Uncertainty (if necessary):



Uniformity of luminous transmittance — Clause 5.3.1

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Test Items	Requirements	Left	Right	Result
Difference within filter (%) (relative to higher value)	The relative difference in the luminous transmittance value: □ For Cat. 0, 1, 2, 3: ≤15% □ For Cat. 4: ≤20%	2.5	6.1	P
Difference with mounted filters (relative to higher value)	The relative difference between the luminous transmittance value of the visual center for right and left eye: ☐ For gradient-tinted filters: ≤20% ☐ For all other types: ≤15%	1.	9	P

Measurement Uncertainty (if necessary):

Requirements for road use and driving — Clause 5.3.2

Sample No.: 3					
Test Items	Requirements	Left	Right	Result	
Categories	Filters suitable for road use and driving shall be categories 0, 1, 2 or 3	Cat.3	Cat.3	P	
Spectral transmittance (475~650)nm (%)	≧0.2τν _{D65}	0.91τν _{D65}	0.91τν _{D65}	Р	
Red Signal	≧0.80	1.11	1.12	P	
Yellow Signal	≧0.60	1.02	1.02	P	
Green Signal	≧0.60	1.00	0.99	P	
Blue Signal	≧0.60	1.05	1.05	P	
Road use (including driving) in twilight or at night (%)	≧75.0	15.8	15.5	NA	

Measurement Uncertainty (if necessary):

Canada Na	Wide Angle Sca	Wide Angle Scattering (%)		
Sample No.	Left	Right	Result	
3	1.7	1.7	P	

Requirements:

At the reference point, the wide-angle scatter of the filters in the condition as supplied by the manufacturer shall not exceed the value of 3 %.

Measurement Uncertainty (if necessary):

Spherical and Astigmatic Power—Clause 6.1

Sample No.: 3						
Test Items	Requirements	Left	Right	Result		
Spherical Power (D)	± 0.12D	-0.02	-0.02	P		
	The difference between the spherical powers shall not exceed 0.18 D		P			
Astigmatic Power (D)	≦0.12D	0.00	0.00	P		

Measurement Uncertainty (if necessary):

Prism imbalance (relative prism error) — Clause 6.3

Sample No.	Requirements		Measured (cm/m)	Result
		☐ Base Out:<1.00cm/m		D
3	Horizontal	⊠ Base In:<0.25cm/m	0.03	P
	Vertical	<0.25 cm/m	0.19	P

Measurement Uncertainty (if necessary):



Minimum robustness of filters — Clause 7.1

Sample No.	Defects		Comment	Dogult	
Sample No.	Observed	Absent	Comment	Result	
3		X		P	

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Requirements:

None of the following defects shall appear on filters:

- a. Filter fracture;
- b. Filter deformation;

Note:

- 1. For clip-ons neither a) nor b) are applicable.
- 2. This test is not necessary if the sunglasses meet Impact resistance of sunglasses, strength level 1, or level 2, or Level 3.

Remark: Test result Clause 7.1 was resubmitted sample on May 13, 2025.

Frame deformation and retention of filters —Clause 7.2

Sample No.	Boxed Center Distance, C		Deformation Percentage	Struc	ture	Lens Ro	etention	Result
,	(mm)	X(mm)	Φ(%)	Pass	Fail	Pass	Fail	
3	74.36	0.33	0.4	X		X		P

Requirements:

- 1. Be permanently deformed from its original configuration by not more than 2% of the distance C,. Deformation percentage, Φ ; Calculation: Φ (%)=X/C*100
- 2. No fracture or crack at any point;
- 3. No filter shall be displaced from the frame.

Measurement Uncertainty (if necessary):



Resistance to Radiation — Clause 8

Report No.: AGC03778250405-003S1	

Test Items	Requirements	Left	Right	Result
Sample No.: 3				
Relative change of luminous transmittance(%)	☐ For Cat. 0:±3%; ☐ For Cat. 1:<±5% ☐ For Cat. 2: ±8% ☑ ForCat.3&4:±10%	2.5	2.6	P
Wide angle scattering (%)	After exposure, the value of wide angle scattering shall not exceed the limit value of 3%	1.7	1.9	P
τ _{SUVB} (280~315)nm (%)	☐ For Cat. 0,1: ≦0.05τν _{D65} ☐ For Cat. 2: 1.0% absolute or 0.05τν _{D65} whichever is greater. ☐ For Cat. 3, 4:1.0% absolute	0.0	0.0	P
τ _{SUVA} (315~380)nm (%)	□ For Cat. 0,1: ≦τν _{D65} ; ⋈ For Cat. 2, 3:≦0.5τν _{D65} □ For Cat. 4:1.0% absolute or 0.25τν _{D65} whichever is greater;	0.0	0.0	P

Measurement Uncertainty (if necessary):

Ignition — Clause 9

	Continued Co	mbustion	-	
Sample No.	Yes No		Comment	Result
3		X		P
Requirements: The filters and frame sha	ll be no continued com	bustion after withdraw	al of the test rod.	



Sample No.:	3					
Test items		Requi	rement	Left	Right	Result
Cover two ellipses	Sunglasses shall co each side of the ce For Adults': -horizontal diame -vertical diameter	ntre of the bridgeter: (40±1)mm	s, and symmetrically placed on ge of the frame: □For Children': -horizontal diameter: (34±1)mm -vertical diameter: (24±1) mm	Meet	Meet	P
*Prevent UV	τ _{SUVB} (280~315)nm (%)	□For Cat whicheve	. 0,1:≦0.05τ _{V D65} . 2:1.0% absolute or 0.05τ _{V D65} er is greater . 3, 4: 1.0% absolute	0.0	0.0	P
radiation	τ _{SUVA} (315~380)nm (%)		. 0,1: ≦τν _{D65} ; t. 2, 3: ≦0.5τν _{D65} t. 4:1.0% absolute or 0.25τν _{D65} er is greater;	0.0	0.0	P
Note: 1. Adult 2. Childa	s' headform: $\square 1$ - ren's headform: $\square 1$ -	M, PD=64mm C6, PD= 52 mr	\square As defined by the herm \square 1-C12, PD=58mm.	eadform uti	lized, PD=()mm

Measurement Uncertainty (if necessary):

Remark: *Prevent UV radiation measured point: Any point within specified two elliptical regions.

- UV400 (In-house test, non- accredited test item)

Assessment was made against a level of 100% UV protection, in which the spectral transmittance was examined within a range of 280nm - 400nm.

Sample No.	Wayalanath (nm)	Maximum Spectra	Result			
Sample 110.	Wavelength (nm)	Left	Right	Kesuit		
3	280-400	0.5	0.5	P		
Requirements:						
Maximum spo	ectral transmittance shall no	ot exceed 0.5%.				

Measurement Uncertainty (if necessary):



Conditions of Issuance of Test Reports

- 1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd. (the "Company") solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the "Clients").
- 2. Any report issued by Company as a result of this application for testing services (the "Report") shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
- 3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
- 4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
- 5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
- 6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.

 7. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
- 8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
- 9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

*** End of Report ***



Test Report

Report No. : AGC03778250405-002S1

SAMPLE NAME : Sunglasses with mirrored lenses

MODEL NAME : MO8652-04

APPLICANT: MID OCEAN BRANDS B.V.

STANDARD(S) : Please refer to the following page(s).

DATE OF ISSUE : May 19, 2025

Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd.





Applicant : MID OCEAN BRANDS B.V.

Address : 7/F. Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong

Report on the submitted sample(s) said to be:

Sample Name : Sunglasses with mirrored lenses

Material Plastic

Model : MO8652-04

Vendor Code : 101191

Country of Origin : CHINA

Country of Destination : EUROPE

Cat. No. : Cat.3

Filter Type : Uniform Lenses
Frame Color : White/Blue
Lenses Color : Mirror Blue
Age Grading : Adults

Sample Received Date : Apr. 29, 2025

Testing Period : Apr. 29, 2025 to May 19, 2025

Test Requested : Selected test(s) as requested by client.

Test Requested: Conclusion

ISO 12312-1: 2022 Eye and face protection — Sunglasses and related eyewear

- Part 1: Sunglasses for general use

Pass

UV400 (In-house test, non- accredited test item and test method refer to attached pages for details)

Pass

Approved by: Len

Suhongliang, Leon

Technical Director



Report Revise Record

Report Version	Issued Date	Valid Version	Notes
/	May 09, 2025	Invalid	Initial release
S1	May 19, 2025	Valid	Modify test result



The photo of the sample



The photo of AGC03778250405-002S1 is for use only with the original report.

Test Point Description

Test point	Test point description
2	Sunglasses



Note: N.D.=Not Detected (less than method detection limit), MDL = Method Detection Limit, 1mg/kg=0.0001%

Tests Conducted Summary

Note: #1 The applicant's attention was drawn that the manufacturer should not use the frame materials which are known to cause irritation, allergic or toxic reaction during wear in a normal state of health against significant proportion of users. Sunglasses shall be designed, manufactured and packaged in such way that, when used under normal conditions, they will not compromise the health or safety of the wearer. The risks posed by substances leaking or evaporating from the sunglasses that can come into prolonged contact with the wearer shall be reduced by the manufacturer to within the limit of any applicable regulatory requirement.

Special attention shall be given to substances that are allergenic, carcinogenic, mutagenic or toxic to reproduction. Substances recommended for cleaning, maintenance or disinfection shall be known to be unlikely to have any adverse effect upon the wearer, when applied in accordance with the instructions given in the information to be supplied by the manufacturer.

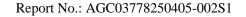
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The following are examples of documents that represent the appropriate information: a) specification of the material(s); b) safety data sheets relating to the materials;

- c) information relating to the suitability of the materials for use in medical devices, or other relevant applications;
- d) information relating to toxicological, allergenic, carcinogenic, toxic to reproduction, or mutagenic investigations on the materials.

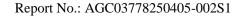
Tests Conducted Summary

R	REQUIREMENT	S (According to ISO 12312-1)		TESTING	
	Test it	em(s)	According to Clause	According to Clause	RESULTS
	Construction		4.1	ISO 18526-3:2020, 6.1	P
	Filter material an	nd surface quality	4.2	ISO 18526-3:2020, 6.6	P
Construction and materials Physiological (only test Nick standard)		mpatibility release, refer to EN 16128	4.3	EN 16128:2015	NA
		For adult's sunglasses: 1-M		IGO 19526 A	P
	Head forms	For children's: 1-C6 or 1-C12	4.4	ISO 18526-4	NA
Transmittance	Transmittanss	Filter categories			Cat.3
Transmittance and filter		UV requirements	5.2	ISO 18526-2:2020, 7	P
	categories	Enhanced infrared absorption (If claim)	3.2	20 10020 2.2020, 7	NA





I	REQUIREMEN'	TS (According to ISO 12312-1)		TESTING	
	Test	item(s)	According to Clause	According to Clause	RESULTS
	Uniformity of lu	uminous transmittance	5.3.1	ISO 18526-2:2020, 7	P
		Filter categories	5.3.2.1	ISO 18526-2:2020, 7	P
General	Requirements	Spectral transmittance	5.3.2.1	ISO 18526-2:2020, 7	P
transmittance requirements	for road use and driving	Detection of signal lights	5.3.2.1	ISO 18526-2:2020, 11	P
1	and driving	Road use (including driving) in twilight or at night	5.3.2.2	ISO 18526-2:2020, 16.3.2	NA
	Wide angle scat	tering	5.3.3	ISO 18526-2:2020, 14.1	P
	Photochromic fi	ilters	5.3.4.1	ISO 18526-2:2020, 16.	NA
	Polarizing filter	s	5.3.4.2	ISO 18526-2:2020, 15	NA
	Gradient filters		5.3.4.3	ISO 18526-2:2020, 7	NA
Additional transmittance	Electro-optical sun glare filter, electro-optical sunglass filter	General	5.3.4.4.1	ISO 18526-2:2020, 17.11 and Annex E.	NA
requirements		Default mode	5.3.4.4.2		NA
for specific		Reaction time	5.3.4.4.3	ISO 18526-2:2020, 17.11	NA
filter types		Photosensitive seizures	5.3.4.4.4		NA
		Combined uniformity and angular dependence of luminous transmittance	5.3.4.4.5	ISO 18526-2:2020	NA
		Narrow angle scatter	5.3.4.4.6	ISO 18526-2:2020, 14.2	NA
	Blue-light absor	rption/transmittance	5.3.5.1	ISO 18526-2:2020, 7	NA
Claimed	UV absorption/t	transmittance	5.3.5.2	ISO 18526-2:2020, 7	NA
transmittance	Antireflective c	oated sunglasses	5.3.5.3	ISO 18526-2:2020,13	NA
properties	Reduced reflect	ion coated sunglasses	5.3.5.4	ISO 18526-2:2020,13	NA
	Enhanced infrar	ed absorption	5.3.5.5	ISO 18526-2:2020, 7	NA





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	Test item(s)	According to Clause	According to Clause	RESULTS
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Refractive power	Spatial deviation(If during the measurements spherical and astigmatic power, a doubling or other aberration of the image is observed)	6.2	ISO 18526-1:2020, 6.3	NA
	Prism imbalance (relative prism error)	6.3	ISO 18526-2:2020, 6.2	P
	Minimum robustness of filters(remark: this test is not necessary if the sunglasses meet 7.3 or 7.6)	7.1	ISO 18526-3:2020, 7.2.1	P
	Frame deformation and retention of filters	7.2	ISO 12311, 6	P
	Impact resistance of sunglasses, strength level 1 (optional specification)	7.3	ISO 18526-3:2020, 7.3.1	NA
Robustness	Increased endurance of sunglasses (optional specification)	7.4	ISO 12311, 9.7	NA
	Resistance to perspiration(optional specification)	7.5	ISO 12311, 9.10	NA
	Impact resistance of sunglasses, strength level 2 (optional specification)	7.6	ISO 18526-3:2020, 7.3.1	NA
	Impact resistance of sunglasses, strength level 3 (optional specification)	7.6	ISO 18526-3:2020, 7.3.2	NA
Resistance to	solar radiation	8	ISO 18526-3:2020, 6.8.2	P
Resistance to	ignition	9	ISO 18526-3:2020, 6.10	P
Resistance to	abrasion (Optional specification)	10	ISO 8980-5	NA
Protective	Coverage area	11.1		P
requirements	Temporal protective requirements(Apply for Cat.4)	11.2		NA
Information and labeling	Information to be supplied with each pair of sunglasses	12.1		P
	Additional information	12.2		1

Remark: Test result Clause 7.1 was resubmitted sample on May 13, 2025.

P=Pass; F=Fail; NA=Not Applicable; NR=Not Require; X=Checked; Cat.=Category;

τv =luminous transmittance



Construction — Clause 4.1 and Filter material and surface quality — Clause 4.2

	Defects						
Sample No.	Construction		Filter Material and Surface Quality		Comment	Result	
	Observed	Absent	Observed	Absent			
2		X		X		P	

Requirements:

- 1. Construction: Areas of the sunglass, including the frame and, if in a rimless or semi-rimless style, the edges of the filters, that may come into contact with the wearer during intended use shall be smooth and without sharp projections.
- 2.Filter material and surface quality: Except in a marginal area 5 mm wide, sunglass filters shall have no material or machining defects within an area of 30 mm diameter centred on the reference point that could impair vision, e.g. bubbles, scratches, inclusions, dull spots, pitting, mould marks, notches, reinforced areas, specks, beads, water specks, pock marks, gas inclusions, splintering, cracks, polishing defects or undulations. If this 5 mm wide portion around the edge of the test sample intrudes into this circular area, then this intrusion shall be excluded from testing.

Transmittance and filter categories — Clause 5.2

ample No.: 2				
Test Items Requirements		Left	Right	Result
	For Cat. 0: 80.0~100			
	For Cat. 1: 43.0~80.0			
rv (380~780)nm (%)	For Cat. 2: 18.0~43.0	15.8	14.9	_
	For Cat. 3: 8.0~18.0			P
	For Cat. 4: 3.0~8.0			
Filter Cat.	Claimed: Cat.3	Cat.3	Cat.3	
τ _{SUVB} (280~315)nm (%)	☐ For Cat. 0,1: $\leq 0.05\tau_{V D65}$ ☐ For Cat. 2: 1.0% absolute or $0.05\tau_{VD65}$ whichever is greater; ☐ For Cat. 3, 4:1.0% absolute	0.0	0.0	P
τ _{SUVA} (315~380)nm (%)	☐ For Cat. 0,1: $\leq \tau v_{D65}$; \boxtimes For Cat. 2, 3: $\leq 0.5 \tau v_{D65}$ ☐ For Cat. 4:1.0% absolute or 0.25 τv_{D65} whichever is greater;	0.0	0.0	P
τ _{Sb} (380~500)nm (%)		10.1	9.6	Only R

Measurement Uncertainty (if necessary):



Uniformity of luminous transmittance — Clause 5.3.1

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nple No.: 2				
Test Items	Requirements	Left	Right	Result
Difference within filter (%) (relative to higher value)	The relative difference in the luminous transmittance value: ☐ For Cat. 0, 1, 2, 3: ≦15% ☐ For Cat. 4: ≦20%	5.4	3.2	P
Difference with mounted filters (relative to higher value)	The relative difference between the luminous transmittance value of the visual center for right and left eye: ☐ For gradient-tinted filters: ≤20% ☐ For all other types: ≤15%	5.7		P

Measurement Uncertainty (if necessary):

Requirements for road use and driving — Clause 5.3.2

Sample No.: 2				
Test Items	Requirements	Left	Right	Result
Categories	Filters suitable for road use and driving shall be categories 0, 1, 2 or 3	Cat.3	Cat.3	P
Spectral transmittance (475~650)nm (%)	≧0.2τν _{D65}	0.94tv _{D65}	0.93τv _{D65}	P
Red Signal	≧0.80	1.17	1.17	P
Yellow Signal	≧0.60	1.06	1.06	Р
Green Signal	≧0.60	0.97	0.98	Р
Blue Signal	≧0.60	1.00	1.01	P
Road use (including driving) in twilight or at night (%)	≧75.0	15.8	14.9	NA

Measurement Uncertainty (if necessary):

Cample No	Wide Angle Sca	Dogul4	
Sample No.	Left	Right	Result
2	1.1	1.2	P

Requirements:

At the reference point, the wide-angle scatter of the filters in the condition as supplied by the manufacturer shall not exceed the value of 3 %.

Measurement Uncertainty (if necessary):

Spherical and Astigmatic Power—Clause 6.1

Sample No.: 2							
Test Items	Requirements	Left	Right	Result			
Spherical Power (D)	± 0.12D	-0.01	-0.04	P			
	The difference between the spherical powers shall not exceed 0.18 D	0.03		P			
Astigmatic Power (D)	≦0.12D	0.00	0.00	P			

Measurement Uncertainty (if necessary):

Prism imbalance (relative prism error) — Clause 6.3

Sample No.		Requirements	Measured (cm/m)	Result	
		⊠ Base Out:<1.00cm/m		P	
2	Horizontal	☐ Base In:<0.25cm/m	0.05		
	Vertical	<0.25 cm/m	0.12	P	

Measurement Uncertainty (if necessary):



Minimum robustness of filters — Clause 7.1

Sample No.	Def	fects	Comment	Dogult
	Observed	Absent	Comment	Result
2		X		P

Report No.: AGC03778250405-002S1

Requirements:

None of the following defects shall appear on filters:

- a. Filter fracture;
- b. Filter deformation;

Note:

- 1. For clip-ons neither a) nor b) are applicable.
- 2. This test is not necessary if the sunglasses meet Impact resistance of sunglasses, strength level 1, or level 2, or Level 3.

Remark: Test result Clause 7.1 was resubmitted sample on May 13, 2025.

Frame deformation and retention of filters —Clause 7.2

Sample No.	Boxed Center Distance, C		Deformation Percentage	Structure		Lens Retention		Result	
,	(mm)	X(mm)	Φ(%)	Pass	Fail	Pass	Fail		
2	74.52	0.50	0.7	X		X		P	

Requirements:

- 1. Be permanently deformed from its original configuration by not more than 2% of the distance C,. Deformation percentage, Φ; Calculation: Φ (%)=X/C*100
- 2. No fracture or crack at any point;
- 3. No filter shall be displaced from the frame.

Measurement Uncertainty (if necessary):



Resistance to Radiation — Clause 8

Report No.: AGC03778250405-002S1

Test Items Requirements		Left	Right	Result
Sample No.: 2				
Relative change of luminous transmittance(%)	☐ For Cat. 0:±3%; ☐ For Cat. 1:<±5% ☐ For Cat. 2: ±8% ☑ ForCat.3&4:±10%	-0.6	-1.3	P
Wide angle scattering (%)	After exposure, the value of wide angle scattering shall not exceed the limit value of 3%	1.3	1.3	P
τ _{SUVB} (280~315)nm (%)	For Cat. 0,1: $\leq 0.05\tau v_{D65}$ For Cat. 2: 1.0% absolute or 0.05 τv_{D65}		0.0	P
τ _{SUVA} (315~380)nm (%)	□ For Cat. 0,1: ≦τν D65; ⊠ For Cat. 2, 3:≦0.5τν D65 □ For Cat. 4:1.0% absolute or 0.25τν D65 whichever is greater;	0.0	0.0	P

Measurement Uncertainty (if necessary):

Ignition — Clause 9

	Continued (Combustion				
Sample No.	Yes	No	Comment	Result		
2		X		P		
Requirements:						
The filters and frame shall be no continued combustion after withdrawal of the test rod.						



Sample No.:	2					
Test items		Requi	rement	Left	Right	Result
Cover two ellipses	each side of the ce ⊠For Adults':	ameter: (40±1)mm -horizontal diameter: (34±1)mm		Meet	Meet	P
*Prevent UV	τ _{SUVB} (280~315)nm (%)	□For Cat. $0,1$: $\leq 0.05 \tau_{VD65}$ □For Cat. 2 : 1.0% absolute or $0.05 \tau_{VD65}$ whichever is greater □For Cat. 3 , 4 : 1.0% absolute		0.0	0.0	P
radiation	τ _{SUVA} (315~380)nm (%)	□For Cat. 0,1: $\leq \tau v_{D65}$; \boxtimes For Cat. 2, 3: $\leq 0.5\tau v_{D65}$ □For Cat. 4:1.0% absolute or 0.25 τv_{D65} whichever is greater;		0.0	0.0	P
Note: 1. Adults' headform: □1-M, PD=64mm □As defined by the headform: □1-C6, PD= 52 mm □1-C12, PD=58mm.			eadform uti	lized, PD=()mm	

Measurement Uncertainty (if necessary):

Remark: *Prevent UV radiation measured point: Any point within specified two elliptical regions.

- UV400 (In-house test, non- accredited test item)

Assessment was made against a level of 100% UV protection, in which the spectral transmittance was examined within a range of 280nm - 400nm.

Sample No.	Wavelength (nm)	Maximum Spectra	Result					
		Left	Right	Kesuit				
2	280-400	0.0	0.0	P				
Requirements:								
Maximum spectral transmittance shall not exceed 0.5%.								

Measurement Uncertainty (if necessary):



Conditions of Issuance of Test Reports

- 1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd. (the "Company") solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the "Clients").
- 2. Any report issued by Company as a result of this application for testing services (the "Report") shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
- 3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
- 4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
- 5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
- 6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations. 7. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
- 8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
- 9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

*** End of Report ***



Test Report

Report No. : AGC03778241201-002

SAMPLE NAME : Sunglasses with mirrored lenses

MODEL NAME : MO8652-05

APPLICANT: MID OCEAN BRANDS B.V.

STANDARD(S) : Please refer to the following page(s).

DATE OF ISSUE : Jan. 02, 2025

Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd.





Report No.: AGC03778241201-002

Applicant : MID OCEAN BRANDS B.V.

Address : 7/F, Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong.

Report on the submitted sample(s) said to be:

Sample Name : Sunglasses with mirrored lenses

Model : MO8652-05

Vendor code : 101191

Country of Origin : CHINA

Country of Destination : EUROPE

Sample Received Date : Dec. 25, 2024

Testing Period : Dec. 25, 2024 to Jan. 02, 2025

Test Requested : Selected test(s) as requested by client.

Test Requested: Conclusion

- EN ISO 12312-1: 2022 Eye and face protection — Sunglasses and related eyewear
Part 1: Sunglasses for general use exclude: Clause 12 Information and labeling
*Pass

-UV400 (In-house test, and test method refer to attached pages for details)

Pass

*The test results were given base on filter categories cat.3.

Approved by: Len

Suhongliang, Leon

Technical Director



Report Revise Record

Report No.: AGC03778241201-00	2
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Report Version	Issued Date	Valid Version	Notes
/	Jan. 02, 2025	Valid	Initial release



Report No.: AGC03778241201-002

The photo of the sample



The photo of AGC03778241201-002 is for use only with the original report.

Test Point Description

Test point	Test point description
1	Sunglasses with mirrored lenses



Report No.: AGC03778241201-002

Note: N.D.=Not Detected (less than method detection limit), MDL = Method Detection Limit, 1mg/kg=0.0001% Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019/CNAS-GL015:2022.

Note:

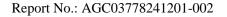
#1 The applicant's attention was drawn that the manufacturer should not use the frame materials which are known to cause irritation, allergic or toxic reaction during wear in a normal state of health against significant proportion of users. Sunglasses shall be designed, manufactured and packaged in such way that, when used under normal conditions, they will not compromise the health or safety of the wearer. The risks posed by substances leaking or evaporating from the sunglasses that can come into prolonged contact with the wearer shall be reduced by the manufacturer to within the limit of any applicable regulatory requirement. Special attention shall be given to substances that are allergenic, carcinogenic, mutagenic or toxic to reproduction. Substances recommended for cleaning, maintenance or disinfection shall be known to be unlikely to have any adverse effect upon the wearer, when applied in accordance with the instructions given in the information to be supplied by the manufacturer.

Manufacturers/suppliers shall perform an appropriate risk analysis on potentially harmful substances contained in the sunglasses that, when the sunglasses are used under normal conditions, the health (and safety) of the wearer shall not be compromised.

The following are examples of documents that represent the appropriate information:

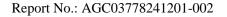
- a) specification of the material(s);
- b) safety data sheets relating to the materials;
- c) information relating to the suitability of the materials for use in medical devices, or other relevant applications;
- d) information relating to toxicological, allergenic, c

REQUIREMENTS (According to ISO 12312-1)				TESTING	RESULT
	Test ite	m(s)	According to Clause	According to Clause	RESULT
	Construction		4.1	ISO 18526-3:2020, 6.1	P
	Filter material an	nd surface quality	4.2	ISO 18526-3:2020, 6.6	P
Construction and materials	Physiological compatibility (only test Nickel release, refer to EN 16128 standard) Head forms For adult's sunglasses: 1-M For children's: 1-C6 or 1-C12		4.3	EN 16128:2015 ISO 18526-4	NA P NA
Transmittance	Transmittance and filter categories	Filter categories UV requirements Enhanced infrared absorption (If claim)	5.2	ISO 18526-2:2020, 7	Cat.3 P NA





REQUIREMENTS (According to ISO 12312-1)					TESTING	
Test item(s)				According to Clause	According to Clause	RESULT
	Uniformity of luminous transmittance			5.3.1	ISO 18526-2:2020, 7	P
		Filter categories		5.3.2.1	ISO 18526-2:2020, 7	P
	Requirements	Spectral transmittance		5.3.2.1	ISO 18526-2:2020, 7	P
	for road use and driving	Detection of signal lights		5.3.2.1	ISO 18526-2:2020, 11	P
	and driving	Road use (incluing in twilight or an		5.3.2.2	ISO 18526-2:2020, 16.3.2	NA
	Wide angle sca	Wide angle scattering			ISO 18526-2:2020, 14.1	P
		Photochromic filters		5.3.4.1	ISO 18526-2:2020, 16.	NA
		Polarizing filters		5.3.4.2	ISO 18526-2:2020, 15	NA
General transmittance	Additional transmittance requirements for specific filter types	Gradient filters		5.3.4.3	ISO 18526-2:2020, 7	NA
requirements		Electro-optical sun glare filter, electro-optical sunglass filter	General	5.3.4.4.1	ISO 18526-2:2020, 17.11 and Annex E.	NA
			Default mode	5.3.4.4.2		NA
			Reaction time	5.3.4.4.3	ISO 18526-2:2020, 17.1	NA
			Photosensitive seizures	5.3.4.4.4		NA
			Combined uniformity and angular dependence of luminous transmittance	5.3.4.4.5	ISO 18526-2:2020	NA
			Narrow angle scatter	5.3.4.4.6	ISO 18526-2:2020, 14.2	NA
	Blue-light absorption/transmittance			5.3.5.1	ISO 18526-2:2020, 7	NA
Claimed	UV absorption	/transmittance		5.3.5.2	ISO 18526-2:2020, 7	NA
transmittance properties	Antireflective of	coated sunglasses	3	5.3.5.3	ISO 18526-2:2020,13	NA
	Reduced reflec	tion coated sungl	asses	5.3.5.4	ISO 18526-2:2020,13	NA
	Enhanced infra	Enhanced infrared absorption			ISO 18526-2:2020, 7	NA





REQUIREMENTS (According to ISO 12312-1)			TESTING	
	Test item(s)	According to Clause	According to Clause	RESULT
	Spherical and astigmatic power	6.1	ISO 18526-1:2020, 6.1	P
Refractive power	Spatial deviation(If during the measurements spherical and astigmatic power, a doubling or other aberration of the image is observed)	6.2	ISO 18526-1:2020, 6.3	NA
	Prism imbalance (relative prism error)	6.3	ISO 18526-2:2020, 6.2	P
	Minimum robustness of filters(remark: this test is not necessary if the sunglasses meet 7.3 or 7.6)	7.1	ISO 18526-3:2020, 7.2.1	P
	Frame deformation and retention of filters	7.2	ISO 12311, 6	P
	Impact resistance of sunglasses, strength level 1 (optional specification)	7.3	ISO 18526-3:2020, 7.3.1	NA
Robustness	Increased endurance of sunglasses (optional specification)	7.4	ISO 12311, 9.7	NA
	Resistance to perspiration(optional specification)	7.5	ISO 12311, 9.10	NA
	Impact resistance of sunglasses, strength level 2 (optional specification)	7.6	ISO 18526-3:2020, 7.3.1	NA
	Impact resistance of sunglasses, strength level 3 (optional specification)	7.6	ISO 18526-3:2020, 7.3.2	NA
Resistance to so	olar radiation	8	ISO 18526-3:2020, 6.8.2	P
Resistance to ig	nition	9	ISO 18526-3:2020, 6.10	P
Resistance to al	prasion (Optional specification)	10	ISO 8980-5	NA
Protective	Coverage area	11.1		P
requirements	Temporal protective requirements(Apply for Cat.4)	11.2		NA
Information and labeling	Information to be supplied with each pair of sunglasses	12.1		NR
	Additional information	12.2		NR

 $Remark: \quad P = Pass; \ F = Fail; \ NA = Not \ Applicable; \ NR = Not \ require; \ X = checked; \ Cat. = Category;$

 τ_V =luminous transmittance



Report No.: AGC03778241201-002

Construction — Clause 4.1 and Filter material and surface quality — Clause 4.2

Sample No.	mple No. Construction Filter Material and Surface C		d Surface Quality	Comment	Result(s)	
Observed Absent Observed Absen		Absent				
1		X		X		P

Requirements:

- 1. Construction: Areas of the sunglass, including the frame and, if in a rimless or semi-rimless style, the edges of the filters, that may come into contact with the wearer during intended use shall be smooth and without sharp projections.
- 2. Filter material and surface quality: Except in a marginal area 5 mm wide, sunglass filters shall have no material or machining defects within an area of 30 mm diameter centred on the reference point that could impair vision, e.g. bubbles, scratches, inclusions, dull spots, pitting, mould marks, notches, reinforced areas, specks, beads, water specks, pock marks, gas inclusions, splintering, cracks, polishing defects or undulations. If this 5 mm wide portion around the edge of the test sample intrudes into this circular area, then this intrusion shall be excluded from testing.

Transmittance and filter categories — Clause 5.2

Sample No.: 1				
Test Items	Requirements	Left	Right	Result(s)
	For Cat. 0: 80.0~100			
τν (380~780)nm (%)	For Cat. 1: 43.0~80.0			Cat.3
	For Cat. 2: 18.0~43.0	11.9	13.2	
	For Cat. 3: 8.0~18.0			
	For Cat. 4: 3.0~8.0			
Filter Cat	Claimed: Not Provided	Cat.3	Cat.3	
τ suvb(280~315)nm (%)	\square For Cat. 0,1:≤0.05τ v _{D65} \square For Cat. 2:1.0% absolute or 0.05τ v _{D65} whichever is greater; \square For Cat. 3, 4: 1.0% absolute	0.0	0.0	P
		0.0	0.0	P

Measurement Uncertainty (if necessary):



Uniformity of luminous transmittance —Clause 5.3.1

Sample No.: 1				
Test Items	Requirements	Left	Right	Result(s)
Difference within filter (%) (relative to higher value)	The relative difference in the luminous transmittance value: □For Cat. 0, 1, 2, 3: ≤15% □For Cat. 4: ≤20%	2.5	2.9	P
The relative difference between the luminous transmittance value of the visual center for right and left eye: □For gradient-tinted filters: ≤ 20% □For all other types: ≤ 15%		9	9.8	Р

Measurement Uncertainty (if necessary):

Requirements for road use and driving — Clause 5.3.2

Test Items	Requirements	Left	Right	Result(s)
Categories	Filters suitable for road use and driving shall be of categories 0, 1, 2 or 3.	Cat.3	Cat.3	P
Spectral transmittance (475~650)nm (%)	≥0.2τv _{D65}	0.86 ₆₅	0.83 ₆₅	P
Red Signal	≥0.80	0.98	0.93	P
Yellow Signal	≥0.60	0.97	0.94	P
Green Signal	≥0.60	1.04	1.06	P
Blue Signal	≥0.60	1.05	1.07	P
Road use (including driving) in twilight or at night (%)	≥75.0	11.9	13.2	NA

Measurement Uncertainty (if necessary):

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Report No.: AGC03778241201-002



Wide angle scattering — Clause 5.3.3

Carranta Na	Wide Angle So	cattering (%)	D14(-)
Sample No.	Left	Right	Result(s)
1	1.6	1.7	P

Report No.: AGC03778241201-002

Requirements:

At the reference point, the wide-angle scatter of the filters in the condition as supplied by the manufacturer shall not exceed the value of 3 %.

Measurement Uncertainty (if necessary):

Spherical and astigmatic power— Clause 6.1

Sample No.:1						
Test Items	Requirements	Left	Right	Result(s)		
Spherical Power (D)	± 0.12D	0.03	0.03	P		
	The difference between the spherical powers shall not exceed 0.18 D;	0	.00	P		
Astigmatic Power (D)	≤0.12D	0.00	0.00	P		

Measurement Uncertainty (if necessary):

Prism imbalance (Relative prism error) — Clause 6.3

Sample No.	R	equirements	Prism imbalance(cm/m)	Result	
	TT ' . 1	⊠Base Out: <1.00 cm/m			
1	Horizontal	Base In: <0.25 cm/m	0.04	P	
	Vertical	<0.25 cm/m	0.02		

Measurement Uncertainty (if necessary):

Minimum robustness of filters — Clause 7.1

Comple No	Def	fects	Comment	D 14()	
Sample No.	Observed	Absent	Comment	Result(s)	
1		X		P	

Requirements:

None of the following defects shall appear on filters:

- 1. Filter fracture;
- 2. Filter deformation;

Note:

- 1. For clip-ons neither a) nor b) are applicable.
- 2. This test is not necessary if the sunglasses meet Impact resistance of sunglasses, strength level 1, or level 2, or Level 3.



Frame deformation and retention of filters — Clause 7.2

Report No.: AGC037/8241201-002

	Boxed Center	Residual	Deformation	Stru	cture	Lens R	etention	
Sample No.	Distance C	Deformation	Percentage Φ	Pass	Fail	Pass	Fail	Result(s)
	(mm)	X (mm)	(%)	1 455	T all	1 455	T all	
1	73.44	0.00	0.0	X		X		P

Requirements:

- 1. Be permanently deformed from its original configuration by not more than 2% of the distance C,. Deformation percentage Φ ; Calculation: $\Phi(\%) = X/C*100$
- 2. No fracture or crack at any point;
- 3. No filter shall be displaced from the frame.

Measurement Uncertainty (if necessary):

Resistance to Radiation — Clause 8

Sample No.: 1				
Test Items	Requirements	Left	Right	Result(s)
The relative change of luminous transmittance(%)	☐ For Cat.0: $<\pm3\%$ ☐ For Cat.1: $<\pm5\%$ ☐ For Cat.2: $<\pm8\%$ ☐ For Cat.3&4: $<\pm10\%$	0.8	1.5	
Wide angle scattering(%)	After exposure, the value of wide angle scattering shall not exceed the limit value of 3%;	1.7	1.7	P
		0.0	0.0	P
τ _{SUVA} (315~380)nm(%)	For Cat. 0, 1: $\leq \tau v_{D65}$; \boxtimes For Cat. 2, 3: $\leq 0.5 \tau v_{D65}$			P

Measurement Uncertainty (if necessary):



Ignition — Clause 9

G. L.N.	Continued C	Combustion	Comment	Dogult(s)		
Sample No.	Yes	No	Comment	Result(s)		
1		X		P		
Requirements:						
The filters and frame shall be no continued combustion after withdrawal of the test rod.						

Coverage area — Clause 11.1

Sample No	o.: 1					
Test		Requirement			Right	Result
Cover	_	Sunglasses shall cover two ellipses, and symmetrically placed on each side of the centre of the bridge of the frame:				
two ellipses	For Adults': - horizontal dianet	meter: (40±1)mm er: (28±1) mm	For Children': - horizontal diameter: (34±1)mm - vertical diameter: (24±1) mm	Meet	Meet	P
	vertical diamet	or. (20=1) iiiii	vortiour diameter. (2 i=1) iiiiii			
*Prevent	τ _{SUVB} (280~315) nm (%)	For Cat. 0,1: ≤ 0.0 For Cat. 2:1.0% a whichever is gre XFor Cat. 3, 4: 1.00	absolute or $0.05\tau v_{D65}$	0.0	0.0	P
UVradiati on	τ _{SUVA} (315~380) nm (%)	☐ For Cat. 0,1: $\leq \tau$ ☐ For Cat. 2,3: \leq 0. ☐ For Cat. 4:1.0% a whichever is greater.	.5τν _{D65} absolute or 0.25τν _{D65}	0.0	0.0	Р
			As defined by the headform utilized, nm 1-C12, PD=58mm.	PD=()mm		

Measurement Uncertainty (if necessary):

Remark: *Prevent UV radiation measured point: Any point within specified two elliptical regions.



UV400 (In-house test, non- accredited test item)

Assessment was made against a level of 100% UV protection, in which the spectral transmittance was examined within a range of 280nm - 400nm.

	Wayslandh (nm)	Maximum Spectral	Result	
Sample Number	Wavelength (nm)	Left	Right	1105ult
1	280-400	0.0	0.0	Р

Requirements:

Maximum spectral transmittance shall not exceed 0.5%.

Measurement Uncertainty (if necessary):



Conditions of Issuance of Test Reports

- 1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd. (the "Company") solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the "Clients").
- 2. Any report issued by Company as a result of this application for testing services (the "Report") shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
- 3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
- 4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
- 5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
- 6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations. 7. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
- 8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
- 9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

*** End of Report ***



Test Report

Report No. : AGC03778241201-003S3

SAMPLE NAME : Sunglasses with mirrored lenses

MODEL NAME : MO8652-10

APPLICANT: MID OCEAN BRANDS B.V.

STANDARD(S) : Please refer to the following page(s).

DATE OF ISSUE : May 19, 2025

Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd.





Applicant : MID OCEAN BRANDS B.V.

Address : 7/F, Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong.

Report on the submitted sample(s) said to be:

Sample Name : Sunglasses with mirrored lenses

Model : MO8652-10

Vendor code : 101191

Country of Origin : CHINA

Country of Destination : EUROPE

Sample Received Date : Apr 29, 2025

Testing Period : Apr 29, 2025 to May 16, 2025

Test Requested : Selected test(s) as requested by client.

Test Requested: Conclusion

- ISO 12312-1: 2022 Eye and face protection — Sunglasses and related eyewear

Part 1: Sunglasses for general use exclude

Pass

-UV400 (In-house test, and test method refer to attached pages for details)

Pass

Approved by: Leon

Suhongliang, Leon

Technical Director



Report Revise Record

Report Version	Issued Date	Valid Version	Notes
/	Jan. 03, 2025	Invalid	Initial release
S1	May 09, 2025	Invalid	Retest
S2	May 16, 2025	Invalid	Retest
S3	May 19, 2025	Valid	Modification of test requested



The photo of the sample



The photo of AGC03778241201-003S3 is for use only with the original report.

Test Point Description

Test point	Test point description
2	Sunglasses with mirrored lenses



Note: N.D.=Not Detected (less than method detection limit), MDL = Method Detection Limit, 1mg/kg=0.0001% Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019/CNAS-GL015:2022.

Note:

#1 The applicant's attention was drawn that the manufacturer should not use the frame materials which are known to cause irritation, allergic or toxic reaction during wear in a normal state of health against significant proportion of users. Sunglasses shall be designed, manufactured and packaged in such way that, when used under normal conditions, they will not compromise the health or safety of the wearer. The risks posed by substances leaking or evaporating from the sunglasses that can come into prolonged contact with the wearer shall be reduced by the manufacturer to within the limit of any applicable regulatory requirement.

Special attention shall be given to substances that are allergenic, carcinogenic, mutagenic or toxic to reproduction.

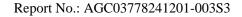
Substances recommended for cleaning, maintenance or disinfection shall be known to be unlikely to have any adverse effect upon the wearer, when applied in accordance with the instructions given in the information to be supplied by the manufacturer.

Manufacturers/suppliers shall perform an appropriate risk analysis on potentially harmful substances contained in the sunglasses that, when the sunglasses are used under normal conditions, the health (and safety) of the wearer shall not be compromised.

The following are examples of documents that represent the appropriate information:

- a) specification of the material(s);
- b) safety data sheets relating to the materials;
- c) information relating to the suitability of the materials for use in medical devices, or other relevant applications;
- d) information relating to toxicological, allergenic, carcinogenic, toxic to reproduction, or mutagenic investigations on the materials.

	REQUIREMEN'	TESTING	RESULTS		
	Test it	em(s)	According to Clause	According to Clause	RESULTS
	Construction		4.1	ISO 18526-3:2020, 6.1	P
	Filter material and surface quality			ISO 18526-3:2020, 6.6	P
Construction and materials	Physiological control (only test Nickel standard)	mpatibility release, refer to EN 16128	4.3	EN 16128:2015	NA
	Head forms	For adult's sunglasses: 1-M	4.4	ISO 18526-4	P
	Tiead forms	For children's: 1-C6 or 1-C12			NA
Transmittance	Transmittance	Filter categories			Cat.3
		UV requirements	5.2	ISO 18526-2:2020, 7	P
	categories	Enhanced infrared absorption (If claim)	3.2	155 15525 2.2020, 7	NA





	REQUIREMEN		TESTING		
	Test	item(s)	According to Clause	According to Clause	RESULTS
	Uniformity of lu	minous transmittance	5.3.1	ISO 18526-2:2020, 7	P
General		Filter categories	5.3.2.1	ISO 18526-2:2020, 7	P
	Requirements	Spectral transmittance	5.3.2.1	ISO 18526-2:2020, 7	P
transmittance	for road use and driving	Detection of signal lights	5.3.2.1	ISO 18526-2:2020, 11	P
requirements	and an img	Road use (including driving) in twilight or at night	5.3.2.2	ISO 18526-2:2020, 16.3.2	NA
	Wide angle scat	tering	5.3.3	ISO 18526-2:2020, 14.1	P
	Photochromic fi	lters	5.3.4.1	ISO 18526-2:2020, 16.	NA
	Polarizing filters	S	5.3.4.2	ISO 18526-2:2020, 15	NA
	Gradient filters		5.3.4.3	ISO 18526-2:2020, 7	NA
Additional	Electro-optical	General	5.3.4.4.1	ISO 18526-2:2020, 17.11 and Annex E.	NA
transmittance		Default mode	5.3.4.4.2		NA
requirements for specific		Reaction time	5.3.4.4.3	ISO 18526-2:2020, 17.11	NA
filter types	sun glare filter,	Photosensitive seizures	5.3.4.4.4		NA
31	electro-optical sunglass filter	Combined uniformity and angula dependence of luminous transmittance	5.3.4.4.5	ISO 18526-2:2020	NA
		Narrow angle scatter	5.3.4.4.6	ISO 18526-2:2020, 14.2	NA
	Blue-light absor	ption/transmittance	5.3.5.1	ISO 18526-2:2020, 7	NA
Claimed	UV absorption/t	ransmittance	5.3.5.2	ISO 18526-2:2020, 7	NA
transmittance	Antireflective co	oated sunglasses	5.3.5.3	ISO 18526-2:2020,13	NA
properties	Reduced reflect	ion coated sunglasses	5.3.5.4	ISO 18526-2:2020,13	NA
	Enhanced infrar	ed absorption	5.3.5.5	ISO 18526-2:2020, 7	NA



	REQUIREMENTS (According to ISO 12312-1)		TESTING	
	Test item(s)	According to Clause	According to Clause	RESULTS
	Spherical and astigmatic power	6.1	ISO 18526-1:2020, 6.1	P
Refractive power	Spatial deviation(If during the measurements spherical and astigmatic power, a doubling or other aberration of the image is observed)	6.2	ISO 18526-1:2020, 6.3	NA
	Prism imbalance (relative prism error)	6.3	ISO 18526-2:2020, 6.2	P
	Minimum robustness of filters(remark: this test is not necessary if the sunglasses meet <u>7.3</u> or <u>7</u> .6)	7.1	ISO 18526-3:2020, 7.2.1	P
	Frame deformation and retention of filters	7.2	ISO 12311, 6	P
Robustness	Impact resistance of sunglasses, strength level 1 (optional specification)	7.3	ISO 18526-3:2020, 7.3.1	NA
	Increased endurance of sunglasses (optional specification)	7.4	ISO 12311, 9.7	NA
	Resistance to perspiration(optional specification)	7.5	ISO 12311, 9.10	NA
	Impact resistance of sunglasses, strength level 2 (optional specification)	7.6	ISO 18526-3:2020, 7.3.1	NA
	Impact resistance of sunglasses, strength level 3 (optional specification)	7.6	ISO 18526-3:2020, 7.3.2	NA
Resistance to	solar radiation	8	ISO 18526-3:2020, 6.8.2	P
Resistance to	ignition	9	ISO 18526-3:2020, 6.10	P
Resistance to	Resistance to abrasion (Optional specification)		ISO 8980-5	NA
Protective	Coverage area	11.1		P
requirements	Temporal protective requirements(Apply for Cat.4)	11.2		NA
Information and labeling	Information to be supplied with each pair of sunglasses	12.1		P
	Additional information	12.2		-

Remark: Test result Clause 7.1 was resubmitted sample on May 13, 2025.

P = Pass; F = Fail; NA = Not Applicable; NR=Not require; X=checked; Cat.=Category;

τv =luminous transmittance



Construction — Clause 4.1 and Filter material and surface quality — Clause 4.2

			Defects			
Sample No.	Constr	ruction	Filter Material an	Filter Material and Surface Quality		Result
	Observed	Absent	Observed	Absent		
2		X		X		P

Requirements:

- 1. Construction: Areas of the sunglass, including the frame and, if in a rimless or semi-rimless style, the edges of the filters, that may come into contact with the wearer during intended use shall be smooth and without sharp projections.
- 2. Filter material and surface quality: Except in a marginal area 5 mm wide, sunglass filters shall have no material or machining defects within an area of 30 mm diameter centred on the reference point that could impair vision, e.g. bubbles, scratches, inclusions, dull spots, pitting, mould marks, notches, reinforced areas, specks, beads, water specks, pock marks, gas inclusions, splintering, cracks, polishing defects or undulations. If this 5 mm wide portion around the edge of the test sample intrudes into this circular area, then this intrusion shall be excluded from testing.

Transmittance and filter categories — Clause 5.2

Sample No.: 2				
Test Items	Requirements	Left	Right	Result
	For Cat. 0: 80.0~100			
	For Cat. 1: 43.0~80.0			
τ _v (380~780)nm (%)	For Cat. 2: 18.0~43.0	13.6	13.1	
	For Cat. 3: 8.0~18.0			Cat.3
	For Cat. 4: 3.0~8.0			
Filter Cat.	Claimed: Not Provided	Cat.3	Cat.3	
	□ For Cat. 0,1: \leq 0.05τv _{D65}			
τ _{SUVB} (280~315)nm (%)	For Cat. 2: 1.0% absolute or	0.0	0.0	P
	$0.05\tau v_{D65}$ whichever is greater;	0.0		1
	For Cat. 3, 4:1.0% absolute			
	\square For Cat. 0,1: $\leq \tau_{V D65}$;		0.0	
τ_{SUVA} (315~380)nm (%)	\boxtimes For Cat. 2, 3: \leq 0.5τν _{D65}	0.0		P
	For Cat. 4:1.0% absolute or 0.25τν	0.0		Г
	D65 whichever is greater;			
Sb (380~500)nm (%)		9.9	9.7	Only Ref.

Measurement Uncertainty (if necessary):



value)

Uniformity of luminous transmittance — Clause 5.3.1

Sample No.: 2						
Test Items	Requirements	Left	Right	Result		
	The relative difference in the luminous					
Difference within filter	transmittance value:	3.5	4.4	P		
(%) (relative to higher	⊠For Cat. 0, 1, 2, 3: $ ≤$ 15%	3.3	4.4	1		
value)	□For Cat. 4:≦20%					
	The relative difference between the					
Difference with	luminous transmittance value of the					
mounted filters (%)	visual center for right and left eye:	3.	7	P		
(relative to higher	☐For gradient-tinted filters: ≤20%					

Report No.: AGC03778241201-003S3

Measurement Uncertainty (if necessary):

Requirements for road use and driving — Clause 5.3.2

For all other types:≦15%

Sample No.: 2				
Test Items	Requirements	Left	Right	Result
Categories	Filters suitable for road use and driving shall be categories 0, 1, 2 or 3	Cat.3	Cat.3	Р
Spectral transmittance (475~650)nm (%)	≧0.2τν _{D65}	0.86τν _{D65}	0.86τν _{D65}	P
Red Signal	≧0.80	1.02	1.02	P
Yellow Signal	≧0.60	0.97	0.97	P
Green Signal	≧0.60	1.03	1.03	Р
Blue Signal	≧0.60	1.08	1.08	P
Road use (including driving) in twilight or at night (%)	≧75.0	13.6	13.1	NA

Measurement Uncertainty (if necessary):

Wide angle scattering — Clause 5.3.3

Sample No.	Wide Angle Sc	eattering (%)	Result
Sample No.	Left	Right	Result
2	1.8	1.7	Р

Requirements:

At the reference point, the wide-angle scatter of the filters in the condition as supplied by the manufacturer shall not exceed the value of 3 %.

Measurement Uncertainty (if necessary):



Spherical and Astigmatic Power—Clause 6.1

Sample No.: 2						
Test Items	Requirements	Left	Right	Result		
Spherical Power (D)	± 0.12D	0.02	0.06	P		
	The difference between the spherical powers shall not exceed 0.18 D	0.04		P		
Astigmatic Power (D)	≦0.12D	0.00	0.00	P		

Report No.: AGC03778241201-003S3

Measurement Uncertainty (if necessary):

Prism imbalance (relative prism error) — Clause 6.3

Sample No.	Requirements		Measured (cm/m)	Result
		⊠Base Out:<1.00cm/m		
2	Horizontal	Base In: <0.25cm/m	0.05	·
	Vertical	<0.25 cm/m	0.03	P

Measurement Uncertainty (if necessary):

Minimum robustness of filters — Clause 7.1

Comple No	Def	ects	Commont	Result	
Sample No.	Observed	Absent	Comment		
2		X		P	

Requirements:

None of the following defects shall appear on filters:

- 1. Filter fracture;
- 2. Filter deformation;

Note:

- 1. For clip-ons neither a) nor b) are applicable.
- 2. This test is not necessary if the sunglasses meet Impact resistance of sunglasses, strength level 1, or level 2, or Level 3.

Remark: Test result Clause 7.1 was resubmitted sample on May 13, 2025.



Frame deformation and retention of filters —Clause 7.2

Sample No.	Boxed Center Distance, C		ntion Percentage	Structure		Lens Retention		Result
	(mm)	X (mm)		Pass	Fail	Pass	Fail	
2	73.44	0.00	0.0	X		X		P

Requirements:

- 1. Be permanently deformed from its original configuration by not more than 2% of the distance C,. Deformation percentage, Φ; Calculation: Φ (%)=X/C*100
- 2. No fracture or crack at any point;
- 3. No filter shall be displaced from the frame.

Measurement Uncertainty (if necessary):

Resistance to Radiation — Clause 8

Sample No.: 2				
Test Items	Requirements	Left	Right	Result
Relative change of luminous transmittance (%)	☐ For Cat. 0:±3%; ☐ For Cat. 1:<±5% ☐ For Cat. 2: ±8% ☐ For Cat. 3&4:±10%	1.5	0.8	Р
Wide angle scattering (%)	After exposure, the value of wide angle scattering shall not exceed the limit value of 3%	1.9	1.8	P
τ _{SUVB} (280~315)nm (%)	□For Cat. 0,1: ≤0.05τ _{V D65} □For Cat. 2: 1.0% absolute or 0.05τ _{V D65} whichever is greater; □ For Cat. 3, 4:1.0% absolute	0.0	0.0	Р
τ _{SUVA} (315~380)nm (%)	☐For Cat. 0,1: ≦τν D65; ☐ For Cat. 2, 3:≦0.5τνD65 ☐For Cat. 4:1.0% absolute or 0.25τν D65 whichever is greater;	0.0	0.0	P

Measurement Uncertainty (if necessary):

Ignition — Clause 9

Sample No.	Continued (Combustion		D 14
	Yes	No	Comment	Result
2		X		P
Pequirements:				I.

Requirements:

The filters and frame shall be no continued combustion after withdrawal of the test rod.



Coverage area — Clause 11.1

Sample No.:	2						
Test items		Requi	rement		Left	Right	Result
Cover two ellipses	each side o	l diameter: (40±1)mm	e of the fran For Chile horizonta	ne: dren': al diameter: (34±1)mm	Meet	Meet	P
*Prevent	τSUVB (280~315) nm (%)	ameter: (28±1) mm ☐For Cat. 0,1:≦0.05τ ☐For Cat. 2:1.0% absorbichever is greate ☐For Cat. 3, 4: 1.0% a	V _{D65} olute or 0.05 er	liameter: (24±1) mm	0.0	0.0	P
UV radiation	τSUVA (315~380) nm (%)	☐ For Cat. 0,1: $\leq \tau v_{D6}$ ☐ For Cat. 2, 3: ≤ 0.5 ☐ For Cat. 4:1.0% absorbichever is greate	olute or 0.25	TV D65	0.0	0.0	P
Note: 1. Adults 2. Childr	s' headform: en's headforr	∑1-M, PD=6 m: □1-C6, PD= :		☐As defined by the help ☐1-C12, PD=58mm.	eadform utiliz	zed, PD=()mm

Measurement Uncertainty (if necessary):

Remark: *Prevent UV radiation measured point: Any point within specified two elliptical regions.

2.UV400 (In-house test, non-accredited test item)

Assessment was made against a level of 100% UV protection, in which the spectral transmittance was examined within a range of 280nm - 400nm

Sample No.	Wavelength	Maximum Spectra	Result	
Sample No.	(nm)	Left	Right	Kesuit
2	280-400	0.0	0.0	P
Requirements:				
Maximum specti	ral transmittance shall not	exceed 0.5%.		

Measurement Uncertainty (if necessary):



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- 2. Any report issued by Company as a result of this application for testing services (the "Report") shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
- 3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
- 4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
- 5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
- 6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations. 7. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
- 8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
- 9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

*** End of Report ***



Test Report

Report No. : AGC03778241201-004

SAMPLE NAME : Sunglasses with mirrored lenses

MODEL NAME : MO8652-22

APPLICANT: MID OCEAN BRANDS B.V.

STANDARD(S) : Please refer to the following page(s).

DATE OF ISSUE : Jan. 02, 2025

Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd.





Applicant : MID OCEAN BRANDS B.V.

Address : 7/F, Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong.

Report on the submitted sample(s) said to be:

Sample Name : Sunglasses with mirrored lenses

Model : MO8652-22

Vendor code : 101191

Country of Origin : CHINA

Country of Destination : EUROPE

Sample Received Date : Dec. 25, 2024

Testing Period : Dec. 25, 2024 to Jan. 02, 2025

Test Requested : Selected test(s) as requested by client.

Test Requested: Conclusion

- EN ISO 12312-1: 2022 Eye and face protection — Sunglasses and related eyewear Part 1: Sunglasses for general use exclude: Clause 12 Information and labeling

-UV400 (In-house test, and test method refer to attached pages for details)

Pass

*The test results were given base on filter categories cat.3.

Approved by: Len

Suhongliang, Leon

Technical Director

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

*Pass



Report Revise Record

Report No.: AGC03778241201-00)4
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Report Version	Issued Date	Valid Version	Notes
/	Jan. 02, 2025	Valid	Initial release



The photo of the sample



The photo of AGC03778241201-004 is for use only with the original report.

Test Point Description

Test point	Test point description
3	Sunglasses with mirrored lenses



Note: N.D.=Not Detected (less than method detection limit), MDL = Method Detection Limit, 1mg/kg=0.0001% Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019/CNAS-GL015:2022.

Note:

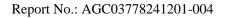
#1 The applicant's attention was drawn that the manufacturer should not use the frame materials which are known to cause irritation, allergic or toxic reaction during wear in a normal state of health against significant proportion of users. Sunglasses shall be designed, manufactured and packaged in such way that, when used under normal conditions, they will not compromise the health or safety of the wearer. The risks posed by substances leaking or evaporating from the sunglasses that can come into prolonged contact with the wearer shall be reduced by the manufacturer to within the limit of any applicable regulatory requirement. Special attention shall be given to substances that are allergenic, carcinogenic, mutagenic or toxic to reproduction. Substances recommended for cleaning, maintenance or disinfection shall be known to be unlikely to have any adverse effect upon the wearer, when applied in accordance with the instructions given in the information to be supplied by the manufacturer.

Manufacturers/suppliers shall perform an appropriate risk analysis on potentially harmful substances contained in the sunglasses that, when the sunglasses are used under normal conditions, the health (and safety) of the wearer shall not be compromised.

The following are examples of documents that represent the appropriate information:

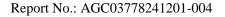
- a) specification of the material(s);
- b) safety data sheets relating to the materials;
- c) information relating to the suitability of the materials for use in medical devices, or other relevant applications;
- d) information relating to toxicological, allergenic, c

R	EQUIREMENTS	TESTING	RESULT		
	Test ite	m(s)	According to Clause	According to Clause	RESULT
	Construction		4.1	ISO 18526-3:2020, 6.1	P
	Filter material an	d surface quality	4.2	ISO 18526-3:2020, 6.6	P
Construction and materials	Physiological con (only test Nickel standard)	mpatibility release, refer to EN 16128	4.3	EN 16128:2015	NA
	Head forms	For adult's sunglasses: 1-M	4.4	ISO 18526-4	P
		For children's: 1-C6 or 1-C12		150 18520-4	NA
Transmittance	T. :	Filter categories			Cat.3
	Transmittance and filter	UV requirements	5.2	ISO 18526-2:2020, 7	P
	categories	Enhanced infrared absorption (If claim)	3.2	100 10020-2.2020, 7	NA





]	REQUIREMEN'		TESTING			
	Test item(s)				According to Clause	RESULT
	Uniformity of 1	uminous transmi	ttance	5.3.1	ISO 18526-2:2020, 7	P
		Filter categories		5.3.2.1	ISO 18526-2:2020, 7	P
	Requirements	Spectral transm	ittance	5.3.2.1	ISO 18526-2:2020, 7	P
	for road use	Detection of sig	gnal lights	5.3.2.1	ISO 18526-2:2020, 11	P
	and driving	Road use (incluing in twilight or an	iding driving)	5.3.2.2	ISO 18526-2:2020, 16.3.2	NA
	Wide angle sca	ttering		5.3.3	ISO 18526-2:2020, 14.1	P
		Photochromic f	filters	5.3.4.1	ISO 18526-2:2020, 16.	NA
		Polarizing filters		5.3.4.2	ISO 18526-2:2020, 15	NA
General transmittance		Gradient filters		5.3.4.3	ISO 18526-2:2020, 7	NA
requirements	Additional transmittance requirements for specific filter types	Electro-optical sun glare filter, electro-optical sunglass filter	General	5.3.4.4.1	ISO 18526-2:2020, 17.11 and Annex E.	NA
			Default mode	5.3.4.4.2		NA
			Reaction time	5.3.4.4.3	ISO 18526-2:2020, 17.1	NA
			Photosensitive seizures	5.3.4.4.4		NA
			Combined uniformity and angular dependence of luminous transmittance	5.3.4.4.5	ISO 18526-2:2020	NA
			Narrow angle scatter	5.3.4.4.6	ISO 18526-2:2020, 14.2	NA
	Blue-light abso	rption/transmitta	nce	5.3.5.1	ISO 18526-2:2020, 7	NA
Claimed	UV absorption	/transmittance		5.3.5.2	ISO 18526-2:2020, 7	NA
transmittance	Antireflective of	coated sunglasses	3	5.3.5.3	ISO 18526-2:2020,13	NA
properties	Reduced reflec	tion coated sungl	asses	5.3.5.4	ISO 18526-2:2020,13	NA
	Enhanced infra	red absorption		5.3.5.5	ISO 18526-2:2020, 7	NA





	REQUIREMENTS (According to ISO 12312-1	1)	TESTING	
	Test item(s)	According to Clause	According to Clause	RESULT
	Spherical and astigmatic power	6.1	ISO 18526-1:2020, 6.1	P
Refractive power	Spatial deviation(If during the measurements spherical and astigmatic power, a doubling or other aberration of the image is observed)	6.2	ISO 18526-1:2020, 6.3	NA
	Prism imbalance (relative prism error)	6.3	ISO 18526-2:2020, 6.2	P
	Minimum robustness of filters(remark: this test is not necessary if the sunglasses meet 7.3 or 7.6)	7.1	ISO 18526-3:2020, 7.2.1	P
	Frame deformation and retention of filters	7.2	ISO 12311, 6	P
	Impact resistance of sunglasses, strength level 1 (optional specification)	7.3	ISO 18526-3:2020, 7.3.1	NA
Robustness	Increased endurance of sunglasses (optional specification)	7.4	ISO 12311, 9.7	NA
	Resistance to perspiration(optional specification)	7.5	ISO 12311, 9.10	NA
	Impact resistance of sunglasses, strength level 2 (optional specification)	7.6	ISO 18526-3:2020, 7.3.1	NA
	Impact resistance of sunglasses, strength level 3 (optional specification)	7.6	ISO 18526-3:2020, 7.3.2	NA
Resistance to so	olar radiation	8	ISO 18526-3:2020, 6.8.2	P
Resistance to ig	nition	9	ISO 18526-3:2020, 6.10	P
Resistance to al	prasion (Optional specification)	10	ISO 8980-5	NA
Protective	Coverage area	11.1		P
requirements	Temporal protective requirements(Apply for Cat.4)	11.2		NA
Information and labeling	Information to be supplied with each pair of sunglasses	12.1		NR
-	Additional information	12.2		NR

Remark: P = Pass; F = Fail; NA = Not Applicable; NR=Not require; X=checked; Cat.=Category;

 τ_V =luminous transmittance



Construction — Clause 4.1 and Filter material and surface quality — Clause 4.2

			Defects			
Sample No.	Construction Filter Material and Surface Quality		Filter Material and Surface Quality		Comment	Result(s)
	Observed	Absent	Observed	Absent		
3		X		X		P

Requirements:

- 1. Construction: Areas of the sunglass, including the frame and, if in a rimless or semi-rimless style, the edges of the filters, that may come into contact with the wearer during intended use shall be smooth and without sharp projections.
- 2. Filter material and surface quality: Except in a marginal area 5 mm wide, sunglass filters shall have no material or machining defects within an area of 30 mm diameter centred on the reference point that could impair vision, e.g. bubbles, scratches, inclusions, dull spots, pitting, mould marks, notches, reinforced areas, specks, beads, water specks, pock marks, gas inclusions, splintering, cracks, polishing defects or undulations. If this 5 mm wide portion around the edge of the test sample intrudes into this circular area, then this intrusion shall be excluded from testing.

Transmittance and filter categories — Clause 5.2

Sample No.: 3				
Test Items	Requirements	Left	Right	Result(s)
	For Cat. 0: 80.0~100			
τν (380~780)nm (%)	For Cat. 1: 43.0~80.0			
	For Cat. 2: 18.0~43.0	14.0	15.3	G + 2
	For Cat. 3: 8.0~18.0			Cat.3
	For Cat. 4: 3.0~8.0			
Filter Cat	Claimed: Not Provided			
τ suvb(280~315)nm (%)	□For Cat. 0,1:≤0.05τ v _{D65} □For Cat. 2:1.0% absolute or 0.05τ v _{D65} whichever is greater; □For Cat. 3, 4: 1.0% absolute	0.0	0.0	P
τ suva(315~380)nm (%)	\Box For Cat. 0, 1: ≤τ v_{D65} ; \Box For Cat. 2, 3: ≤0.5τ v_{D65} \Box For Cat. 4:1.0% absolute or 0.25τ v_{D65} whichever is greater	0.0	0.0	P

Measurement Uncertainty (if necessary):



Uniformity of luminous transmittance —Clause 5.3.1

Test Items	Requirements	Left	Right	Result(s)
Difference within filter (%) (relative to higher value)	The relative difference in the luminous transmittance value: □For Cat. 0, 1, 2, 3: ≤15% □For Cat. 4: ≤20%	4.8	J	
Difference with mounted filters (relative to higher value)(%)	The relative difference between the luminous transmittance value of the visual center for right and left eye: □For gradient-tinted filters: ≤ 20% □For all other types: ≤ 15%	,	8.5	Р

Measurement Uncertainty (if necessary):

Requirements for road use and driving — Clause 5.3.2

Sample No.: 3							
Test Items	Requirements	Left	Right	Result(s)			
Categories	Filters suitable for road use and driving shall be of categories 0, 1, 2 or 3.	Cat.3	Cat.3	Р			
Spectral transmittance (475~650)nm (%)	≥0.2τv _{D65}	$0.93 au_{v D65}$	$0.94\tau_{v~D65}$	P			
Red Signal	≥0.80	1.18	1.17	P			
Yellow Signal	≥0.60	1.06	1.06	P			
Green Signal	≥0.60	0.97	0.97	P			
Blue Signal	≥0.60	1.01	1.00	P			
Road use (including driving) in twilight or at night (%)	≥75.0	14.0	15.3	NA			

Measurement Uncertainty (if necessary):

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

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Wide angle scattering — Clause 5.3.3

Committe No	Wide Angle So	cattering (%)	D = ===14(=)
Sample No.	Left	Right	Result(s)
3	1.8	1.9	P

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Requirements:

At the reference point, the wide-angle scatter of the filters in the condition as supplied by the manufacturer shall not exceed the value of 3 %.

Measurement Uncertainty (if necessary):

Spherical and astigmatic power— Clause 6.1

Sample No.:3						
Test Items	Requirements	Left	Right	Result(s)		
Spherical Power (D)	± 0.12D	0.00	-0.04	P		
	The difference between the spherical powers shall not exceed 0.18 D;	0	.04	P		
Astigmatic Power (D)	≤0.12D	0.00	0.00	P		

Measurement Uncertainty (if necessary):

Prism imbalance (Relative prism error) — Clause 6.3

Sample No.	J.	Requirements	Prism imbalance(cm/m)	Result
	II : 1	⊠Base Out: <1.00 cm/m		
3 Vertical	Horizontal	☐Base In: <0.25 cm/m	0.10	P
	Vertical	<0.25 cm/m	0.03	

Measurement Uncertainty (if necessary):

Minimum robustness of filters — Clause 7.1

C L. N.	Def	fects	Comment	Result(s)	
Sample No.	Observed	Absent	Absent		
3		X		P	

Requirements:

None of the following defects shall appear on filters:

- Filter fracture; 1.
- 2. Filter deformation;

Note:

- 1. For clip-ons neither a) nor b) are applicable.
- This test is not necessary if the sunglasses meet Impact resistance of sunglasses, strength level 1, or level 2, or Level 3.



Frame deformation and retention of filters — Clause 7.2

Report No.: AGC037/8241201-004

	Boxed Center	Residual	Deformation	Stru	cture	Lens R	etention	
Sample No.	Distance C	Deformation	Percentage Φ	Pass	Fail	Pass	Fail	Result(s)
	(mm)	X (mm)	(%)	1 455	T all	1 455	T all	
3	74.60	0.00	0.0	X		X		P

Requirements:

- 1. Be permanently deformed from its original configuration by not more than 2% of the distance C,. Deformation percentage Φ ; Calculation: $\Phi(\%) = X/C*100$
- 2. No fracture or crack at any point;
- 3. No filter shall be displaced from the frame.

Measurement Uncertainty (if necessary):

Resistance to Radiation — Clause 8

Sample No.: 3				
Test Items	Requirements	Left	Right	Result(s)
The relative change of luminous transmittance(%)	☐ For Cat.0: $<\pm3\%$ ☐ For Cat.1: $<\pm5\%$ ☐ For Cat.2: $<\pm8\%$ ☐ For Cat.3&4: $<\pm10\%$	0.0	-1.3	P
Wide angle scattering(%)	After exposure, the value of wide angle scattering shall not exceed the limit value of 3%;	1.9	1.9	P
τ _{SUVB} (280~315)nm(%)	☐For Cat. 0,1:≤0.05τν D65 ☐For Cat. 2:1.0% absolute or 0.05τν D65 whichever is greater; ☐For Cat. 3, 4: 1.0% absolute	0.0	0.0	P
τ _{SUVA} (315~380)nm(%)	For Cat. 0, 1: $\leq \tau v_{D65}$; \boxtimes For Cat. 2, 3: $\leq 0.5 \tau v_{D65}$ \square For Cat. 4:1.0% absolute or 0.25 τv_{D65} whichever is greater	0.0	0.0	P

Measurement Uncertainty (if necessary):



Ignition — Clause 9

G. J. N.	Continued C	Combustion	Comment	Decult(e)
Sample No.	Yes	No	Comment	Result(s)
3		X		P
Requirements:				
The filters and fran	ne shall be no continued	combustion after withda	rawal of the test rod.	

Coverage area — Clause 11.1

Sample No.: 3								
Test		Requirement			Right	Result		
Cover two ellipses	Sunglasses shall cover two ellipses, and symmetrically placed on each side of the centre of the bridge of the frame:							
	For Adults': - horizontal diameter: (40±1)mm - vertical diameter: (28±1) mm		For Children': - horizontal diameter: (34±1)mm - vertical diameter: (24±1) mm	Meet	Meet	P		
*Prevent UVradiati on	τ _{SUVB} (280~315) nm (%)	For Cat. 0.1 : $\leq 0.05\tau v_{D65}$ For Cat. $2:1.0\%$ absolute or $0.05\tau v_{D65}$ whichever is greater For Cat. $3, 4:1.0\%$ absolute		0.0	0.0	Р		
	τ _{SUVA} (315~380) nm (%)	☐For Cat. 0,1: ≤τ ☐ For Cat. 2,3:≤0 ☐For Cat. 4:1.0% ε whichever is gr	0.0	0.0	P			
			As defined by the headform utilized, nm 1-C12, PD=58mm.	PD=()mm				

Measurement Uncertainty (if necessary):

Remark: *Prevent UV radiation measured point: Any point within specified two elliptical regions.



UV400 (In-house test, non- accredited test item)

Assessment was made against a level of 100% UV protection, in which the spectral transmittance was examined within a range of 280nm - 400nm.

G	Wayslangth (nm)	Maximum Spectral transmittance (%)		Result	
Sample Number	Wavelength (nm)	Left	Right	Tiesur	
3	280-400	0.0	0.0	P	

Requirements:

Maximum spectral transmittance shall not exceed 0.5%.

Measurement Uncertainty (if necessary):



Conditions of Issuance of Test Reports

- 1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd. (the "Company") solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the "Clients").
- 2. Any report issued by Company as a result of this application for testing services (the "Report") shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
- 3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
- 4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
- 5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
- 6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations. 7. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
- 8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
- 9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

*** End of Report ***