

TEST REPORT

Applicant: MID OCEAN BRANDS B.V.
7/F KINGS TOWER
111 KING LAM STREET
CHEUNG SHA WAN
KLN
Attn: DEREK HUI/EMMA LAM

Number: HKGH03208701

Date: Jan 02, 2025

Sample and Information provided by customer :
Item Name : **High Borosilicate glass**
Item No. : **MO9927**
Quantity : **10 pieces**
Vendor : **107978**
Country of Origin : **China**

Conclusion:

The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

Requirement	Result
(1) BS EN 1183 : 1997 Materials and articles in contact with foodstuffs - Test methods for thermal shock and thermal shock endurance	See details enclosed

Decision Rule(s):

When a statement of conformity to a specification or standard is provided on test report, the decision rule shall be applied. For details, please refer to Intertek's "Decision Rule Document" and is available on Intertek's website. <https://intertekhk.grd.by/decision-rule-doc..>
If decision rule already in the requested specification or standard, Intertek's "Decision Rule Document" is not applicable and indication of "∞" was shown as above table.

For and on behalf of :
Intertek Testing Services HK Ltd.




Dorothy M.Y. Lau
Vice President



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(1) Thermal Shock Test

Test Standard : BS EN 1183 : 1997 - Materials and articles in contact with foodstuffs - Test methods for thermal shock and thermal shock endurance

Test procedure :

1. Test method B as specified in the standard was adopted for the test.
2. The sample was initially heated in an oven set to 60°C for 1 hour.
3. It was then transferred to cold water at 20°C and immersed for a period of approximately 1 minute.
4. The above steps were repeated except that the temperature of the oven was increased by:
 - 10°C for temperature difference $\leq 100^\circ\text{C}$
 - 20°C for temperature difference $> 100^\circ\text{C}$
5. The test completed when failure occurred on all tested specimens.
6. The cumulative failure in % and the standard deviation was determined.

Number of samples tested : Ten (10) pieces (Glass)

Result :

The temperature difference (Δt_{50}) at which 50% of the tested samples failed and its standard deviation :

Δt_{50} (°C)	Standard deviation (°C)
196	13.5

Test Data:

Temperature in oven (°C)	Temperature difference (°C)	Number of failure	Cumulative failure in %
60	40	0	0
70	50	0	0
80	60	0	0
90	70	0	0
100	80	0	0
110	90	0	0
120	100	0	0
140	120	0	0
160	140	0	0
180	160	0	0
200	180	1	10
220	200	5	60
240	220	4	100

Date sample received : Dec 16, 2024

Test Period : Dec 16, 2024 to Dec 24, 2024



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End of report

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