

TEST REPORT

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

Number: HKGH03226723 S1

Date: Mar 12, 2025

Attn: DEREK HUI/EMMA LAM

Sample and Information provided by customer :
Item Name : **Set of 2 double wall espresso**
Item No. : **MO9709**
Quantity : 5 sets
Vendor : 114276
Country of Origin : China
Date sample received : Feb 27, 2025
Test Period : Feb 27, 2025 to Mar 07, 2025

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



Dorothy M.Y. Lau
Vice President



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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 :

<u>Requirement</u>	<u>Result</u>
(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 inhered in the requested specification or standard, Intertek's "Decision Rule Document" is not applicable and indication of "∞" was shown as above table.

Note : This is to supersede Report No. HKGH03226723 dated Mar 11, 2025 due to Amending sample description



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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)
190	13.3

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	2	20
220	200	6	80
240	220	2	100

Date sample received : Feb 27, 2025

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End of report

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The observations and test results in this report are relevant to the sample(s) tested and submitted by client. The report is not intended to be a recommendation for any particular course of action, you are responsible for acting as you see fit on the basis of the report results. This report does not discharge or release you from your legal obligations and duties to any other person. Only the Client is authorized to permit copying or distribution of this report and the report shall not be reproduced except in full. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.



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