
Test Report

Report No. : AGC05443240815-001S2

SAMPLE NAME : Coloured ceramic mug
MODEL NAME : MO6208
APPLICANT : MID OCEAN BRANDS B.V.
STANDARD(S) : Please refer to the following page(s).
DATE OF ISSUE : Dec. 12, 2024

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Applicant : MID OCEAN BRANDS B.V.
Address : 7/F, Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong.
Test Site : 5,6/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China

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

Sample Name : Coloured ceramic mug
Model : MO6208
Vendor code : 115649
Country of Origin : CHINA
Country of Destination : EUROPE
Sample receiving state : Normal
Sample Received Date : Aug. 12, 2024 (Test point 1-1,1-2)
Dec. 03, 2024 (Test point 1-3,1-4)
Testing Period : Aug. 12, 2024 to Aug. 16, 2024 (Test point 1-1,1-2)
Dec. 03, 2024 to Dec. 11, 2024 (Test point 1-3,1-4)
Test Requested : Selected test(s) as requested by client.

Test Requested:**Conclusion**

Microwave heating resistance test

Pass

Mechanical dishwashing safe test

Pass


Regulation 1935/2004/EC, Council Directive 84/500/EEC and Commission Directive 2005/31/EC
- Leachable Lead and Cadmium

Pass

DM-4B-COM-002-v01

- Leachable Lead, Cadmium

Pass

Approved by: 

Suhongliang, Leon

Technical Director

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Report Revise Record

Report Version	Issued Date	Valid Version	Notes
/	Aug. 16, 2024	Invalid	Initial release
S1	Dec. 11, 2024	Invalid	Add test points
S2	Dec. 12, 2024	Valid	Modify test point description

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The photo of the sample



The photo of AGC05443240815-001S2 is for use only with the original report.

Test Point Description

Test point	Test point description
1-1	Inside the ceramic mug body (Black)
1-2	Ceramic mug body (Black)
1-3	Inside the white ceramic cup body (Beige)
1-4	White ceramic cup body (Beige)

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Microwave heating resistance test

Test Result of microwave test		
Sample No.:MO6208 (black) Test method: Refer BS EN 15284 :2007 Microwave power out: 800 W Short period: 90 s Long period: 585 s Number of tested sample: 3 pc(s) Number of control sample: 1 pc(s)		
Specimen(s)	Maximum handle temperature after short period of heating	Maximum surface temperature after long period of heating
1	31.5°C	72.1°C
2	31.1°C	72.3°C
3	31.0°C	72.0°C
For all tested ceramic articles: No visible change of color was found on the tested samples after test. No visible cracking, crazing, scaling was found on the tested samples after test.		

Test Result of microwave test		
Sample No.:MO6208 (beige) Test method: Refer BS EN 15284 :2007 Microwave power out: 800 W Short period: 90 s Long period: 585 s Number of tested sample: 2 pc(s) Number of control sample: 1 pc(s)		
Specimen(s)	Maximum handle temperature after short period of heating	Maximum surface temperature after long period of heating
1	30.5°C	81.6°C
2	31.2°C	82.3°C
For all tested ceramic articles: No visible change of color was found on the tested samples after test. No visible cracking, crazing, scaling was found on the tested samples after test.		

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Mechanical dishwashing safe test

Test Result of mechanical dishwashing safe test:
Requirements: For dishwasher safe test, if there is no noticeable change in appearance (e.g. color, size and shape) and function, it should be "PASS"
Sample No.:MO6208 (black) Test method: Refer BS EN 12875 -1-2005 Washing temperature: 60°C Number of cycle: 10 cycles Number of tested sample: 2 pc(s). Number of control sample: 1 pc(s).
For all tested ceramic or glass enamel articles: No visible change of color and gloss was found on the tested samples after wash. No visible deposit or iridescent layer was found on the tested samples after wash. No cracking was found on the tested samples after wash. No decoration was detached after wash.

Test Result of mechanical dishwashing safe test:
Requirements: For dishwasher safe test, if there is no noticeable change in appearance (e.g. color, size and shape) and function, it should be "PASS"
Sample No.:MO6208 (beige) Test method: Refer BS EN 12875 -1-2005 Washing temperature: 60°C Number of cycle: 10 cycles Number of tested sample: 2 pc(s). Number of control sample: 1 pc(s).
For all tested ceramic or glass enamel articles: No visible change of color and gloss was found on the tested samples after wash. No visible deposit or iridescent layer was found on the tested samples after wash. No cracking was found on the tested samples after wash. No decoration was detached after wash.

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- Leachable Lead and Cadmium

Test Method/ Instrument: EN 1388-1:1996/ ICP-OES

Test point	Test Result		Conclusion
	Leachable Lead(Pb)/ (mg/L)	Leachable Cadmium(Cd)/ (mg/L)	
	4% Acetic acid, 22°C,24h	4% Acetic acid, 22°C,24h	
1-1	N.D.	N.D.	Conformity
1-3	N.D.	N.D.	Conformity
Limit	4.0	0.3	/
MDL	0.1	0.01	/

- Leachable Lead, Cadmium

Test Item	Leachable Lead	Leachable Cadmium
Limit (mg)	2	0.2
MDL (mg)	0.01	0.001
Test Condition	4% Acetic acid,22°C,24h	
Test Method/ Instrument	EN 1388-1:1996/ ICP-OES	

No.		Test result (mg)		Conclusion
		Leachable Lead	Leachable Cadmium	
1-2	A	N.D.	N.D.	Conformity
	B	N.D.	N.D.	
	C	N.D.	N.D.	
	D	N.D.	N.D.	
1-4	A	N.D.	N.D.	Conformity
	B	N.D.	N.D.	
	C	N.D.	N.D.	
	D	N.D.	N.D.	

Note: Results shown above are testing data of four groups.

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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 ***

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