

# **TEST REPORT**

Reference No.	ALL'	WTF20F12093897C
Applicant	NITE NITE	Mid Ocean Brands B.V.
Address	set.	7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong
Manufacturer	:	115649
Sample Name	r	Mug with spoon
Model No	:	MO7344
Test Requested		<ol> <li>Client's requirements - BS EN 15284:2007 Materials and article in contact with food stuffs for the resistance to microwave heating of ceramic, glass, glass-ceramic or plastic cookware;</li> <li>Client's requirements - Rapid test for domestic ceramic articles.</li> </ol>
Test Method	(÷	Please refer to next page (s)
Test Conclusion	:	Please refer to next page (s)
Date of Receipt sample	:on	2020-12-10
Date of Test	J.	2020-12-10 to 2020-12-15
Date of Issue	:	2020-12-16
Test Result	÷	Please refer to next page (s)
Note	×. 	As specified by client, only test the designated sample.

#### Remarks:

The results shown in this test report refer only to the sample(s) tested; this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver. If the report is not stamped with the accreditation recognized seal, it will only be used for scientific

research, education, and internal quality control activities, and is not used for the purpose of issuing supporting data to the society.

# Prepared By:

Waltek Testing Group (Foshan) Co., Ltd. Address: No.13-19, 2/F., 2nd Building, Sunlink International Machinery City, Chencun, Shunde District, Foshan, Guangdong, China Tel:+86-757-23811398 Fax:+86-757-23811381 E-mail:info@waltek.com.cn

Compiled by:

Rena.Chen / Project Engineer

Approved by:

Swing.Liang / Technical Manager

Waltek Testing Group (Foshan) Co., Ltd. http://www.waltek.com.cn

# Page 2 of 6



ST

S 15

### **Test Result:**

# 1) Microwave Safe (BS EN 15284:2007)

Test Standard	NITE	BS EN 15284:2007 Test Method for the Resistance to Microwave Heating of Ceramic, Glass, Glass- Ceramic of Plastic Cookware
No. of Specimen	1 - C	3 pieces for testing,
		Remain as control samples.
Test Requirement	L:	1. Ceramic items shall display no signs of cracking, crazing, scaling or colour.
	10	2. Glass, Glass ceramic items shall display no signs of cracking, scaling or colour.
	5	3. Plastic items shall display no signs of cracking, colour, melting, deformation, suitability for re-use of charring.
	over.	4. The maximum surface temperature of handles (if applicable) after the short period heating shall not exceed:
	10 °	a. Ceramic, Glass, Glass-ceramic = 56 °C
		b. Plastic = 60 ℃
Conclusion(s)	0	PASS, Details as following
1. No visible dama	ge w	as found on all tested samples after testing.
2. No arcing was o	bserv	ved on all tested samples during testing.
3. Surface tempera	ature	at the handle of the tested samples did not exceed the maximum as specified by the
Standard (see test	data	) it it the the out only when we are

# Test Data:

# Test Specimen No.3

Test Period		Highe	st Temperatu	Dequirement	
rest Penod	Location	Sample 1	Sample 2	Sample 3	Requirement
After the Short Period heating After the Long Period	Handle	44.1	42.5	41.9	Ceramic, Glass, Glass-ceramic ≤ 56℃ Plastic ≤ 60℃
	Surface of body	72.3	65.3	68.9	the the the state
	Handle	112.4	123.4	131.4	No requirement
heating	Surface of body	142.9	143.1	147.9	



#### 2) Dishwasher safe test (BS EN 12875-4:2006)

Test Standard:	BS EN 12875-4:2006 Mechanical dishwashing resistance of utensils - Part				
	4: Rapid test for domestic ceramic articles				
Number of tested sample:	3 pcs per style for testing, 1 pc as control sample.				
Procedure:	1. Preparation of test specimens				
	<ul><li>1.1 Remove any surface contamination from the test specimens, e.g. by washing the specimens by hand in a mild liquid detergent at about 45 °C, followed by rinsing and drying with a clean cloth.</li></ul>				
	1.2 Place the test specimens in the inspection site and examine them with normal corrected vision from a distance of $(30 \pm 10)$ cm, while the viewing angle is changed. All test specimens of a given type shall be of				
	<ul><li>comparable quality in gloss and colour; discard any specimens that are of inferior quality. Retain one specimen as an untested reference standard.</li><li>2. Immersion of test specimens</li></ul>				
	2.1 Determine the surface area of the test specimens. Fill the tank with sufficient water to completely cover the specimens. Check for compliance with the surface area to volume criterion; if the calculated surface area approaches the critical limit of $130 \text{ cm}^2/\text{I}$ , a greater volume shall be used.				
	2.2 Cover the tank and adjust the water bath temperature to give a test tank temperature of $(75 \pm 1)$ °C. Record the tank temperature.				
	2.3 Add sufficient detergent to give a 0.5% solution in the test tank. Stir well to disperse the detergent. Immediately lower the test specimens, in the racks, into the tank and cover with the lid.				
	2.4 After $16h \pm 10$ min, record the temperature in the tank and remove the test specimens. Rinse the test specimens in hot water and rub dry with a				
	<ul><li>clean cloth (the rubbing action will also remove any loose colour).</li><li>2.5 Examine the specimens, comparing tested items with the corresponding untested reference standards and report any changes in</li></ul>				
	gloss or colour using the method described in EN 12875-2.				
	2.6 Repeat the immersion procedure for a further $16h \pm 10$ min using fresh detergent solution. Remove the test specimens, rinse and dry them as described in 2.4.				
	2.7 Re-examine the specimens as described in 2.5 after a total of 32 hours				

# Test Result:

# **Test specimen No.1**

the the .	After	16 hours imm	ersion	After 32 hours immersion			
Test specimen	Gloss	Colour	Other aspects	Gloss	Colour	Other aspects	
NUTER ALTER WALK	white white	0	0	_d+0 _d+	<u></u>	0	
2	0	0	0 5	0	0	0	
3	. 10 m 0 m	0	0	A 0.A	S <sup>61</sup> 0 S <sup>61</sup>		
Average	A 0 A	کې 0 کې	no on	~0~ v	0	0	

# Page 4 of 6



## Test specimen No.2

and show and	After	16 hours imr	nersion	After 32 hours immersion		
Test specimen	Gloss	Colour	Other aspects	Gloss	Colour	Other aspects
1		0	0	o <sup>0</sup> 0 0	0	0
2	<u> </u>	0	0	Set 0 5et		
3	<u>_</u>	<u> </u>	S 0 4	0	0	0
Average	0	0	0	et 0,0°	5 0.5	0.0

# Note:

Classification	Rating		
0	No visible change		
ret set in nice with m	first discernible change		
2	Clearly visible change		



202

シシ

# **Test Specimen Description:**

No.1: Ceramic cup(Overall)

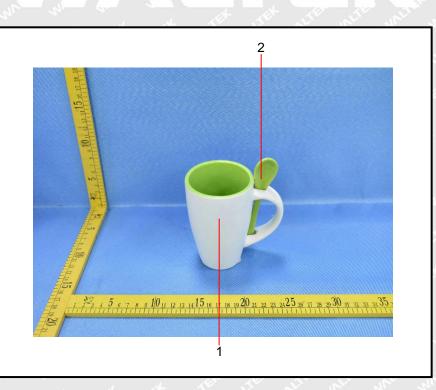
No.2: Green ceramic spoon(Overall)

No.3: Ceramic cup set(Overall Cup and spoon)

#### Sample photo:



Photographs of parts tested:



Waltek Testing Group (Foshan) Co., Ltd. http://www.waltek.com.cn

Page 6 of 6





===== End of Report ======