



## Test Report

No.: SHHL2203011805CW

Date: MAR. 22, 2022

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Sample Description : RPET  
SGS Ref No. : NBHL2203003104CW  
Style No. : MX80126  
Manufacturer : JIANGXI JOHNSON TECHNOLOGY CO., LTD  
Supplier : JIANGXI JOHNSON TECHNOLOGY CO., LTD  
Country of Origin : CHINA  
Country of Destination : ITALY

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Sample Receiving Date : MAR. 15, 2022  
Testing Period : MAR. 15, 2022 TO MAR. 22, 2022  
Testing Location : 3RD. BUILDING, LANE 3999, XIUPU RD., PUDONG DISTRICT,  
SHANGHAI, CHINA

Test Requested	Result
BASED ON EN 12875-1: 2005 MECHANICAL DISHWASHING RESISTANCE OF UTENSILS — PART 1: REFERENCE TEST METHOD FOR DOMESTIC ARTICLES (AS PER CLIENT'S REQUIREMENT)	PASS

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



SHHL2203011805CW

Sky Zhang  
Authorized Signatory



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### Test Conducted:

- Based on EN 12875-1: 2005 Mechanical dishwashing resistance of utensils —  
Part 1: Reference test method for domestic articles (as per client's requirement)

### 2. Scope:

This European Standard specifies a method for testing the resistance of domestic articles made from ceramic, glass, glass ceramic, vitreous enamel, metal and plastics under the combined chemical, thermal and mechanical stresses of mechanical dishwashing in domestic dishwashers.

Test sample description :	RPET
Number of Tested Sample(s):	3 pieces
Number of Controlled Sample(s):	1 piece
Test Cycles	25 cycles

### 3. Test procedure:

According to EN12875-1-2005 Clause 8.3

### 4. Test requirement:

#### Metal:

Pass means no visible change was found on the tested samples.

#### Non- Metal:

For each inspector, an average is calculated from the figures given in the four samples for each of the criteria listed in table 1. The average values are rounded to one decimal.

Pass means the average value of 1.0 for each article is not exceeded, an average is calculated from the criteria listed in EN12875-2-2002 table 1.



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### 5. Test Results: Details shown as following table

Overall conclusion of **Non-Metal: Pass**

#### Requirements:

Pass means the average value of 1.0 for each article is not exceeded, an average is calculated from the criteria listed in table 1.

	Articles with or without decoration (Category of articles)	Test specimen number	Color	Gloss	Clouding	Resistant deposits and iridescent layers	Other aspects
Inspector 1	With Decoration	1	0	0	/	0	0
		2	0	0	/	0	0
		3	0	0	/	0	0
Inspector 2	With Decoration	1	0	0	/	0	0
		2	0	0	/	0	0
		3	0	0	/	0	0
Rating Average			0	0	/	0	0
Conclusion (≤1)			PASS	PASS	/	PASS	PASS

### Inspection criteria (Refer to EN 12875-2-2002 Table 1)

Articles with or without decoration	Color <sup>1)</sup>	Gloss	Clouding	Resistant deposits and iridescent layers <sup>2)</sup>	Other aspects
Ceramic tableware	+	+		+	+ 3) 4) 5)
Glass, glass ceramic ware	+	+	+ 6)	+	+ 4) 5)
vitreous enameled tableware	+	+		+	+ 3) 4) 5)
Plastics articles	+	+	+ 6)	+	+ 7) 3)

(+) = to be inspected  
 1) If several colors are present on one article to be inspected, the color with the greatest change shall be chosen.



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- 2) For the elimination of easily removable deposits see 7.1.
- 3) E.g. crazing.
- 4) The adherence of decorations shall be tested by repeated wiping with a moist linen cloth under slight pressure.
- 5) Abrasion which is caused by friction during the dishwasher treatment shall be disregarded.
- 6) Transparent articles only.
- 7) Swelling, deformation, cracking, or delamination.

Evaluation of inspection criteria (Refer to EN 12875-2-2002 Table 2)

Classification	Rating
0	No visible change
1	First discernible change
2	Clearly visible change

Overall conclusion of **Metal**: **N/A**

Requirement: Pass means no visible change was found on the tested samples.

Defect description (If fail): /

### Remark:

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2. The declaration of conformity is based on non-binary acceptance decision rules with guard band, and the guard band length parameter is 0. When the measured value falls in the guard band limit, the declaration of conformity is "Conditional PASS" or "Conditional FAIL".



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### Sample Photo:

Received sample



Test sample



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\*\*\*End of Report\*\*\*



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