



Test Report

No.T32220262603SC

Date: May 12, 2022

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LEXINGTON LIMITED

UNIT.5,G/F HING HON BUILDING,NOS.26-36 KING'S ROAD,TIN HAU,HONG KONG

The following samples were submitted and identified by/on behalf of the client as:

LEXNGO MICROWAVABLE STAINLESS STEEL CONTAINER

Case No. : CA322202640719
Sample Receiving Date : APR 28, 2022
Testing Period : APR 28, 2022 - MAY 11, 2022

Test Requested	Conclusion
With reference to BS EN 15284:2007 – Materials and articles in contact with foodstuffs – Test method for the resistance to microwave heating of ceramic, glass, glass-ceramic or plastic cookware (Selected test part as specified by client)	PASS
Mechanical dishwashing resistance of utensils – Reference test method for domestic articles (With reference to BS EN 12875-1:2005) – Tested for 25 cycles (As per client specification) (Selected test part as specified by client)	--
Cookware – Ovenware for use in Traditional Domestic Ovens (EN 13834:2020) (Selected test part as specified by client)	--
• Clause 6.1.9 Heat Resistance	PASS
Low Temperature Test (SGS In-House Method) (Selected test part as specified by client)	PASS

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
SGS Hong Kong Ltd.

Lam Chi Ho, Jacko
Senior Chemist

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Test Results:

With reference to Microwave Resistance Test (BS EN 15284:2007)

- Scope : The determination of the resistance to microwave heating of cookware made of ceramic, glass, glass-ceramic or plastics.
- No. of Specimen : 3 pcs. of Style C (Container) for testing. Remains as control sample.
- Test Method : According to BS EN 15284:2007
- Requirements : The item should display no signs of cracking, scaling, colour or defects.
- Test Result : PASS. No noticeable change was found on the samples after test.
Details as below

After the Short Heating Period

Measured Location	Maximum Surface Temperature (°C)			Requirement
	Sample A	Sample B	Sample C	
Side Surface 1 (Metal)	23.9	24.2	23.8	/
Side Surface 2 (Metal)	24.9	24.7	24.8	/
Bottom Surface (Metal)	27.1	26.8	27.5	/

After the Long Heating Period

Measured Location	Maximum Surface Temperature (°C)		
	Sample A	Sample B	Sample C
Side Surface 1 (Metal)	30.2	30.6	31.4
Side Surface 2 (Metal)	31.2	31.5	30.7
Bottom Surface (Metal)	28.3	28.8	28.7

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Mechanical dishwashing resistance of utensils – Reference test method for domestic articles (With reference to EN 12875-1:2005) – Tested for 25 cycles (As per client specification)

Number of tested sample : 3 pcs. of Style C (Container) was selected for test as per client request.
 Number of control sample : 1 pc.
 No. of Cycles : 25 cycles (As per client specification)
 Test Method : With reference to EN 12875-1:2005
 Evaluation Method : According to EN 12875-2:2001 and
 In house method for non-coated metallic articles
 Test Result : Detail as below

After 25 cycles

Articles with or without decoration	Colour	Gloss	Resistant deposits and iridescent layers	Other aspects
Style C (Container)	0	0	0	0

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

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Cookware – Ovenware for use in Traditional Domestic Ovens (EN 13834:2020)

Scope : - This European Standard specifies safety and performance requirements for items of ovenware for use in domestic ovens. It is applicable to ovenware regardless of material or method of manufacture.
- It is applicable to products intended for use both on top of the stove and in oven.
- This European Standard not applicable to items for single use, throwaway ovenware or ovenware intended for use in a microwave oven only.

No. of Specimen : 1 pc of Style A (Container) for testing. All the samples consider as a same material and randomly selected to specify test.

Test Results :

<u>Clause</u>	<u>Test Item</u>	<u>Result</u>	<u>Note</u>
6	CONSTRUCTION		
6.1	General		
6.1.9	Heat resistance	PASS (Tested in 250 °C)	--

Note : Only requested clauses were shown.

Remark: Only above clause was requested by client.

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Low Temperature Test (SGS In-House Method)

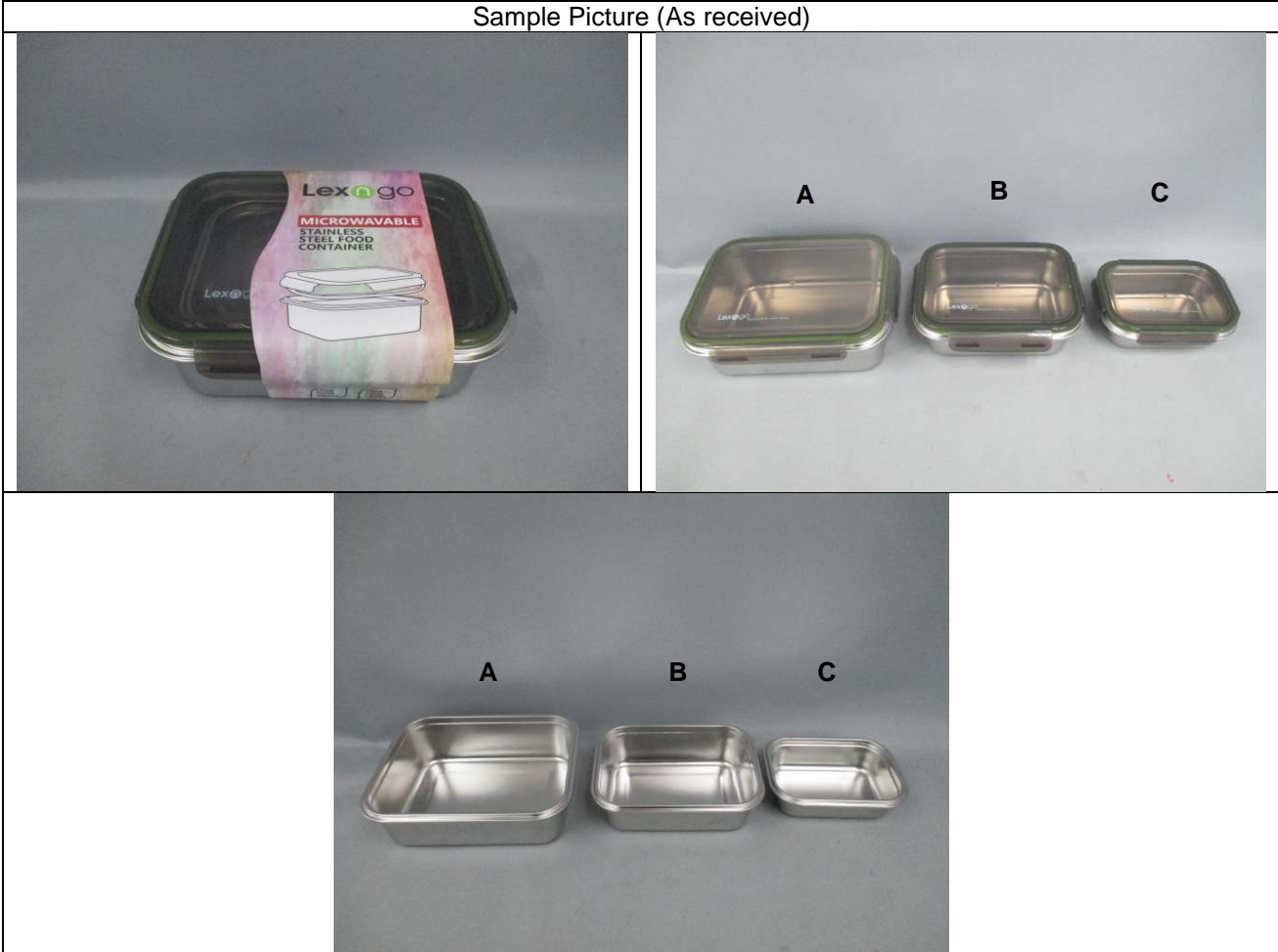
- Scope : To examine the tested sample have any appearance change or damage by a low temperature condition for a period of testing time.
- Nos. of Specimen : 1 pc. of Style A (Container) for testing, remain as control.
- Testing Procedures : 1. Visually inspect sample and record any cosmetic defects.
2. Place the item in the freezer at -18°C until reach equilibrium and maintain for 24 hours.
3. Remove the item from the freezer and let it recover to room temperature.
4. Examine the item for any signs of defects.
- Test Results : PASS. No noticeable appearance change or damage was found.

Remark:

1. When statement of conformity is made, unless the decision rule was mentioned in above specified test items, the decision rule would be based on the non-binary statement with guard band (is equal to the expanded measurement uncertainty with a 95% coverage probability, $w = U_{95}$) in ILAC-G8:09/2019 Clause 4.2.3.
"Pass - the measured value is within (or below / above) the acceptance limit, where the acceptance limit is below / above to the guard band." or "Pass - The measured values were observed in tolerance at the points tested. The specific false accept risk is up to 2.5%."
"Fail - the measured value is out of (or below / above) the tolerance limit added / subtracted to the guard band." or "Fail - One or more measured values were observed out of tolerance at the points tested". The specific false reject risk is up to 2.5%.
"Inconclusive – It is not possible to state the conformity. Either one or more measured values were observed in the portion of the expanded measurement uncertainty intervals at the points tested where the specific risk is up to 50%."

Sample Photo:

Sample Picture (As received)



SGS authenticate the photo on original report only

*** End of Report ***

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