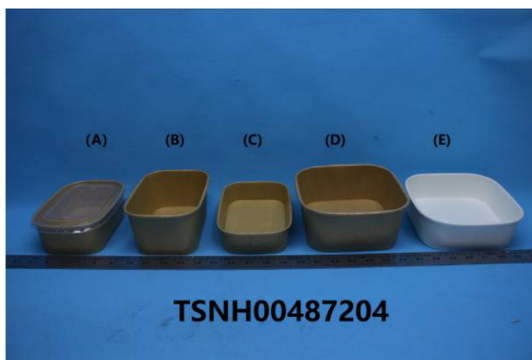


Test Report

NUMBER : TSNH00487204

Applicant : Xiamen Bioleader Environmental Protection Technology Co., Ltd Date : Mar 08, 2024
Address: No.39 Xinglong Road, Xiamen, Fujian, China
Website: www.bioleaderpack.com

Photo:



To be continued

Authorized By :
For Intertek Testing Services
(Tianjin) Ltd.

David Zhang
Senior Manager



Test Report

NUMBER : TSNH00487204

Sample Description:

Five (5) submitted samples said to be **paper bowls**.

Item Name : PAPER SQUARE BOWL, PAPER RECTANGULAR BOWL, PAPER SOUP CUP, PAPER ROUND SALAD BOWL

As per client's requirement, only the sample (A) was tested.

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

Conclusion:

<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
(A)	As client's requirement refer to EN 15284 : 2007 Materials and articles in contact with food stuffs Test method for the resistance to microwave heating of ceramic, glass, glass-ceramic or plastics cookware.	See conducted
(A)	Intertek In-house Test Method Operating Procedure for Freezer test and client's requirement.	Pass

To be continued

Authorized By :
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(Tianjin) Ltd.



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Senior Manager



Test Report

NUMBER : TSNH00487204

1. Safety And Performance Requirements of Microwave Heating

EN 15284: 2007 Materials and articles in contact with food stuffs - Test method for the resistance to microwave heating of ceramic, glass, glass-ceramic or plastics cookware.

Test on Sample (A)

Number of samples tested: Three(3) pieces per style, total one (1) style.

Test procedure:

1. Apply a stain to the surface of the test specimen and wash clear, visually check the surface. Note any small faults before testing.
2. Immerse the test specimen (excluding glass/glass-ceramic) in water at $(20 \pm 3) ^\circ\text{C}$ for one hour and then wipe the surface dry with a cloth.
3. Pour (125 ± 2.5) ml of water into each water container and place at the back of the oven so as not to interfere with the turntable.
4. Place the test specimen at the centre of the oven on the turntable and microwave to apply the specified energy for the short period (85").

Note: if electrical arcing begins immediately switch off the oven. Terminate the test and state in the test report that at the onset of electrical arcing the test was terminated.

5. After the cycle is completed, open the oven door and, if applicable, measure the highest temperature of the handle. When additional data is required, follow this procedure to find the highest surface temperature. Ensure that this process takes no longer than 45 s.
6. Immediately following step 5 setting the oven for the long period (9'11"). Then remove the test specimen from the oven and allow it to cool on an insulated surface to prevent thermal shock.
7. Apply stain to the test specimen and wash clear (as in step 1) and visually inspect the test specimen for any damage.
8. Repeat the test using the different article shapes in the set.

To be continued



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Result:

1. No damage was found on any samples after the test.
2. The maximum surface temperature of the sample after the short period (85'') and long period (9'11'') heating was record as below,

Sample (A)

Position	Heating time	Temperature/°C		
		1	2	3
10mm bandwidth near the rim of the bowl	85''	43.2	44.7	45.9
	9'11''	76.2	80.3	84.2

To be continued

Test Report

NUMBER : TSNH00487204

2. Freezer test

As per the client's requirement, the submitted sample was subjected to the following test procedure.

Test on Sample (A)

Procedure :

1. Retain one sample as a control for comparison.
2. Set the freezer with a constant temperature of -18°C.
3. Place the sample under test in the freezer and leave for 24 hours.
4. After the test period, remove the sample from the freezer.
5. Observe and record any cracking, chipping, glaze crazing, permanent deformation or any other unusual changes on the sample against comparison sample.

Number of samples tested : One(1) piece plus one (1) piece as control sample, total one (1) style.

Requirement

No any discoloration, deformation, cracking, crazing, chipping or other change

Result :

After testing, no any discoloration, deformation, cracking, crazing, chipping or other change from the original state was found on the tested samples.

Date sample received: Mar 04, 2024

Testing period: Mar 04, 2024 To Mar 08, 2024

End of report

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