

## Test Report

No. SHAHG1010476901

Date: 06 Aug 2010

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OBJEKTPLANUNG STELLWAG

LANDSBERGER STR.360,80687 MUNCHEN,GERMANY

The following sample(s) was/were submitted and identified on behalf of the clients as : FRIDGE MAT

SGS Job No. : SHD201021797 - SH  
Buyer : OBJEKTPLANUNG STELLWAG  
Manufacturer : NINGBO DONGQIANHU RESORTS TIANLONG DAILY PRODUCTS FACTORY  
Country of Origin : CHINA  
Country of Destination : GERMANY  
Date of Sample Received : 22 Jul 2010  
Testing Period : 22 Jul 2010 - 06 Aug 2010  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).  
Conclusion : When tested as specified, the submitted sample complies with the permissible safety limit as specified in LFGB, Section 30 and 31 on Materials and Articles intended to come into contact with aqueous foodstuff(PH>4.5),acidic foodstuff(PH<4.5) and fatty foodstuff.

Signed for and on behalf of  
SGS-CSTC Ltd.

*Crystal Zhou*

Zhou Yan, Crystal  
Approved Signatory

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Test Results :

### Test Part Description :

Specimen No.	SGS Sample ID	Description
1	SHA10-104769.001	Fridge mat(green)
2	SHA10-104769.002	Green plastic mat

### Overall migration test

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31, European Commission Directive 2002/72/EC and its amendments and BfR recommendation.

For material: PE -Overall migration test

Test Method : With reference to EN1186-1:2002 for selection of conditions and test method;  
EN1186-3:2002 aqueous food simulants by total immersion method;  
EN1186-2:2002 olive oil by total immersion method;

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 002 Overall Migration</u>
Deionized Water	240.0hr	20°C	10.0mg/dm <sup>2</sup>	<3.0mg/dm <sup>2</sup>
3% Acetic Acid	240.0hr	20°C	10.0mg/dm <sup>2</sup>	3.6mg/dm <sup>2</sup>
Rectified Oliver Oil	240.0hr	20°C	10.0mg/dm <sup>2</sup>	6.8mg/dm <sup>2</sup>

Notes :

- (1) Analytical tolerance of aqueous simulants is 1 mg/dm<sup>2</sup>
- (2) Analytical tolerance of fatty food simulants is 3 mg/dm<sup>2</sup>
- (3) Test condition & simulant were specified by client.

### Peroxide value

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31, European Commission Directive 2002/72/EC and its amendments and BfR recommendation.

For material: PE - Peroxide value

Test Method : With reference to European pharmacopoeia, 2005 Appendix X F. Peroxide Value method A

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<u>Test Item(s)</u>	<u>Limit</u>	<u>002</u>
Peroxide Value	Absent	Absent

### Sensorial examination odour and taste test

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31, European Commission Directive 2002/72/EC and its amendments and BfR recommendation.

Sensorial examination odour and taste test

Test Method : Robinson`s test with reference to DIN 10955:1983 (2004).

Odour test condition: 23°C 24 hours;

Taste test condition: 20°C 24 hours;

Test media: Distilled water;

No. of panelist: 5

<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>
Sensorial examination odour (Point scale)	2.5	0
Sensorial examination taste (Point scale)	2.5	0

### Notes :

Scale evaluation:

0: No perceptible odour

1: Odour just perceptible (still difficult to define)

2: Moderate odour

3: Moderately strong odour

4: Strong odour

### Chromium, Vanadium and Zirconium content

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31, European Commission Directive 2002/72/EC and its amendments and BfR recommendation.

For material: PE -Catalyst residue, Chromium, Vanadium and Zirconium content

Test Method : Acid digestion, analysis was performed by ICP-OES.

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<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>002</u>
Total Chromium	10	mg/kg	5	ND
Total Vanadium	20	mg/kg	20	ND
Total Zirconium	100	mg/kg	20	ND

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Sample photo:



SGS authenticate the photo on original report only

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

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