



STC Test Report

Date : 2017-06-23

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No. : HC410104

Applicant(Code:TAS006) : J.S. Trading
Kragemosen 12
5250 Odense SV
Denmark

Description of Sample(s) : One submitted sample said to be PE Coating Paper.
Item No.: 404 ; 406 ; 409 ; 410 ; 411 ; 413 ; 415B ; 415C ; 431 ;
431A ; 432 ; 432A 433 ; 433A ; 612 ; 613

Date Sample(s) Received : 2017-06-15

Date Tested : 2017-06-16 to 2017-06-23

Investigation Requested : Refer to the next page.

Conclusion(s) :

1. The test results of the submitted sample **complied** with the overall migration limit set out in Article 12 of the Regulations on plastic materials and articles intended to come into contact with food (Commission Regulation (EU) No 10/2011) for the specific simulants used (3%(w/v) acetic acid, 10%(v/v) ethanol and vegetable oil) under the tested conditions of contact.
2. The test results of the submitted sample **complied** with the specific migration limits of the heavy metals set out in Article 10 and Annex II of the Regulations on plastic materials and articles intended to come into contact with food (Commission Regulation (EU) No 10/2011) for the specific simulant used (3%(w/v) acetic acid) under the tested condition of contact.



KWOK Nga Yan, Bernice
Authorized Signatory
Chemical and Food Department
For and on behalf of
The Hong Kong Standards and Testing Centre Ltd.

The Hong Kong Standards and Testing Centre Limited

10 Dai Wang Street, Tai Po Industrial Estate, Tai Po, N.T., Hong Kong

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Investigation Requested:

1. Commission Regulation (EU) No 10/2011
 - Overall Migration in 3%(w/v) acetic acid at 40°C for 3 days
 - Overall Migration in 10%(v/v) ethanol at 40°C for 3 days
 - Overall Migration in vegetable oil at 40°C for 3 days
2. Specific migration of Heavy Metals

Method(s) Used:

1. Ref. BS EN 1186-1:2002, BS EN 1186-4:2002, and BS EN 1186-5:2002 (By cell)
2. Ref. BS EN 13130-1: 2004, followed by Inductively Coupled Plasma- Atomic Emission Spectrometry

Test Result(s):

1. Commission Regulation (EU) No 10/2011

Test Item(s)	PE Coating Paper	Maximum permissible limit
Overall Migration in 3%(w/v) acetic acid at 40°C for 3 days	2.7 mg/dm ²	10 mg/dm ²
Overall Migration in 10%(v/v) ethanol at 40°C for 3 days	3.7 mg/dm ²	10 mg/dm ²
Overall Migration in vegetable oil at 40°C for 3 days	<1.0 mg/dm ²	10 mg/dm ²

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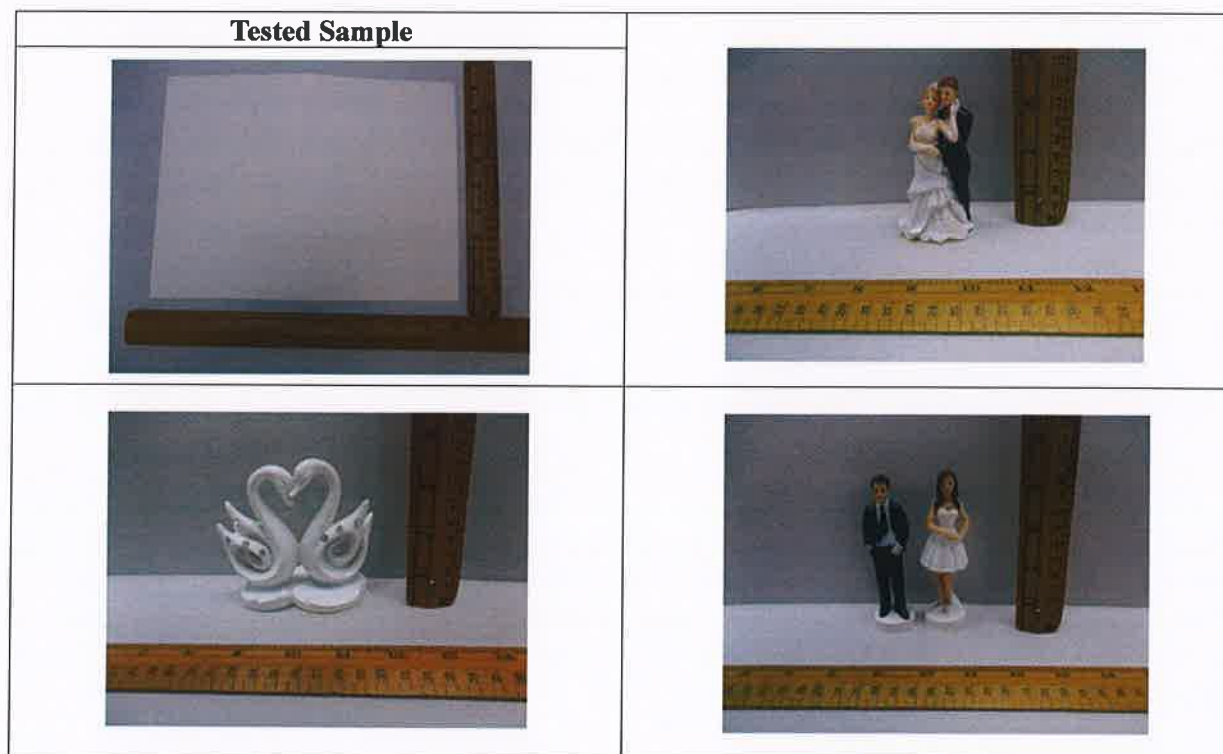
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2. Specific migration of Heavy Metals in 3% (w/v) acetic acid at 40°C for 3 days

Test item(s)	PE Coating Paper	Specific migration limit
Aluminium	0.06 mg/kg	1 mg/kg
Barium	<0.02 mg/kg	1 mg/kg
Cobalt	<0.02 mg/kg	0.05 mg/kg
Copper	<0.02 mg/kg	5 mg/kg
Iron	<0.02 mg/kg	48 mg/kg
Lithium	<0.02 mg/kg	0.6 mg/kg
Manganese	<0.02 mg/kg	0.6 mg/kg
Zinc	<0.02 mg/kg	5 mg/kg

Notes : - < denote less than
- mg/dm² denotes milligram per square decimetre
- mg/kg denotes milligram per kilogram

Photo(s):



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******* End of Test Report *******

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