



## STC Test Report

Date : 2017-06-23  
No. : HC410104

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**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 <sup>2</sup>	10 mg/dm <sup>2</sup>
Overall Migration in 10%(v/v) ethanol at 40°C for 3 days	3.7 mg/dm <sup>2</sup>	10 mg/dm <sup>2</sup>
Overall Migration in vegetable oil at 40°C for 3 days	<1.0 mg/dm <sup>2</sup>	10 mg/dm <sup>2</sup>

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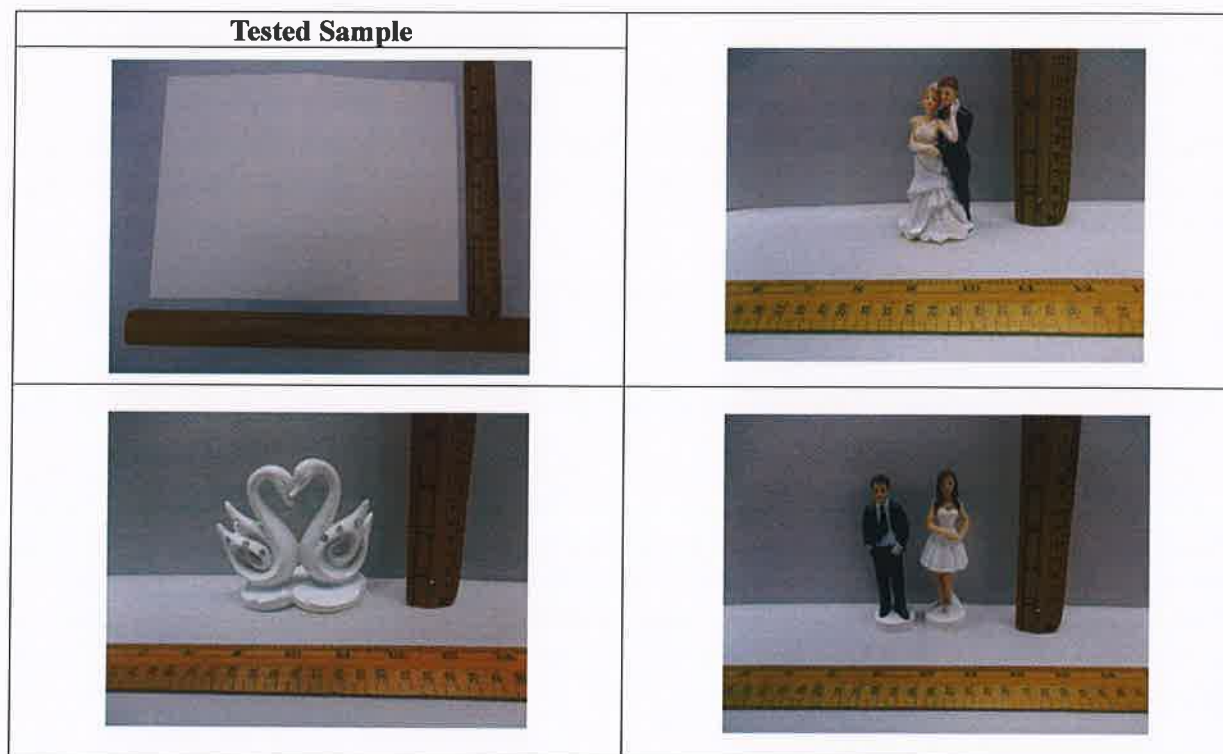
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### 2. Specific migration of Heavy Metals in 3% (w/v) acetic acid at 40°C for 3 days

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/dm<sup>2</sup> denotes milligram per square decimetre  
- mg/kg denotes milligram per kilogram

### Photo(s):



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