



Test Report

No.: T31620281247SC

Date: JAN 03, 2017

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SEACA PACKAGING
23400 71ST PLACE SOUTH, KENT, WA 98032

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

TRADE NAME E-CORR- IMPACT PP COPOLYMER SHEET- WITH WHITE AND ANTISTATIC ADDITIVE

SGS Case No. : CA316202820989
Colour : WHITE AND BLACK
Style / Item No. : LOT 4, LOT 5, LOT 6 OVER ALL MIGRATION A) FOR 3% ACETIC ACID B) 10% ETHANOL, C) OLIVE OIL, D) HEAVY METALS
Ref. No / P.O. No. : 4067090
Sample Receiving Date : DEC 12, 2016
Test Performing Date : DEC 12, 2016 - JAN 03, 2017

Test Requested : Please refer to the result summary.

Test Method & Results : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
1. European Commission Regulation (EU) No 10/2011 and its amendments, and hence Article 3 of European Regulation No. 1935/2004.	--
a) Plastic – Overall migration	PASS
b) Plastic – Specific Migration of Heavy Metals	PASS

Signed for and on behalf of
SGS Hong Kong Ltd.

Che Wai Leuk, Jerry
Technical Manager

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Test Results :

1) European Commission Regulation (EU) No 10/2011 and its amendments

a) Plastic – Overall migration

Method : With reference to EN 1186-1:2002 for selection of conditions and test methods (1st migration);
 EN 1186-3:2002 aqueous food simulants by total immersion method;
 EN 1186-2:2002 olive oil by total immersion method

Simulant Used	Test Condition	Result (mg/dm ²)	Reporting Limit (mg/dm ²)	Permissible Limit (mg/dm ²)
		1-3		
3% Acetic Acid (W/V) Aqueous Solution	10 days at 40 °C	ND	3.0	10
10% Ethanol (V/V) Aqueous Solution	10 days at 40 °C	ND	3.0	10
Rectified Olive Oil	10 days at 40 °C	ND	3.0	10
Comment	--	PASS	--	--

Sample Description :

1. White Plastic (Lot 4)
2. White Plastic (Lot 5)
3. White Plastic (Lot 6)

Note : 1. mg/dm² = milligram per square decimeter
 2. °C = degree Celsius
 3. ND = Not Detected

Remark :

1. Test condition & simulant were specified by client.

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Test Results (Cont'd) :

b) Plastic – Specific Migration of Heavy Metals

Method: Sample preparation in 3% acetic acid (w/v) in aqueous solution at 40°C for 10 days with reference to EN 13130-1:2004; followed by analysis using Inductively Coupled Argon Plasma Spectrometry (ICP) (1st migration).

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
	1 - 3		
Specific Migration of Barium	ND	0.25	1
Specific Migration of Cobalt	ND	0.03	0.05
Specific Migration of Copper	ND	0.25	5
Specific Migration of Iron	ND	0.25	48
Specific Migration of Lithium	ND	0.5	0.6
Specific Migration of Manganese	ND	0.25	0.6
Specific Migration of Zinc	ND	0.5	25
Comment	PASS	--	--

Sample Description :

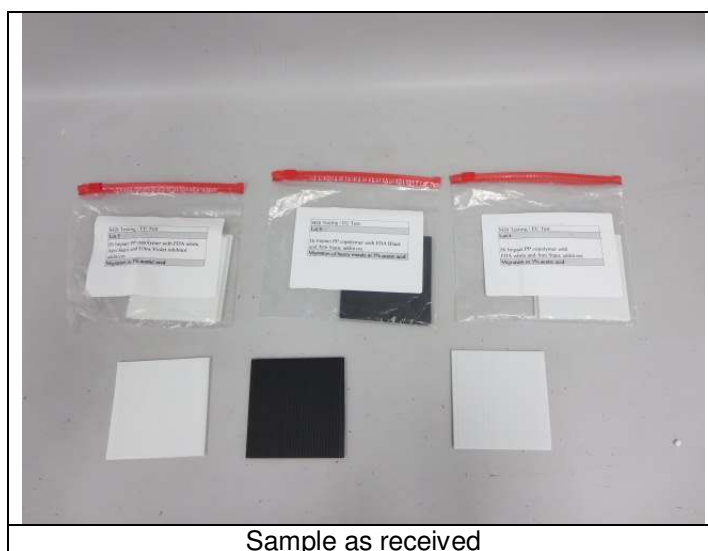
1. White Plastic (Lot 4)
2. White Plastic (Lot 5)
3. White Plastic (Lot 6)

Note : 1. mg/kg = milligram per kilogram of foodstuff in contact with
 2. °C = degree Celsius
 3. ND = Not Detected

Remark :

1. Test condition & simulant were specified by client.

Photo Appendix



Sample as received

*** End of Report ***

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