

Test Report

No. QDF18-024069-01

Date: 22 Aug 2018

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_____, LTD
_____ China

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

SGS Job No. : TAOFD1803662401
 Sample Name : PET metallized sheet Gold
 Batch No. : NJ2018071209
 Production Date : 2018.07.18
 Manufacturer : _____ Co.,Ltd
 Date of Sample Received : 07 Aug 2018
 Testing Period : 07 Aug 2018 - 22 Aug 2018
 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).

Result Summary :

Test Requested	Conclusion
Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments -Overall migration	PASS
Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments -Specific migration of heavy metal	PASS

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, and for clients internal use only, not to the society has the proof function. This document cannot be used for publicity, without prior approval of the SGS.

SGS Authorized Signature

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SGS Center, No. 143, Zhuzhou Road, Laoshan District, Qingdao, China 266101
 t (86-532) 68999888 f (86-532) 80991955

www.sgs.com
sgs.china@sgs.com

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	QDF18-024069.001	Silver/gold PET sheet(PET metallized sheet Gold)	PET

Remarks :

- (1) mg/dm² = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected (< MDL)

Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments -Overall migration

Test Method : With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods; or EN 1186-14: 2002 substitute test.

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001 Overall Migration</u>	<u>Conclusion</u>
95% Ethanol (V/V) Aqueous Solution (Rectified Olive Oil Substitute)	240.0hr(s)	40°C	10mg/dm ²	<3.0mg/dm ²	PASS
Isooctane (Rectified Olive Oil Substitute)	48.0hr(s)	20°C	10mg/dm ²	<3.0mg/dm ²	PASS

Notes :

- (1) Analytical tolerance of aqueous simulants is 2 mg/dm² or 12 mg/kg.
- (2) Analytical tolerance of fatty food simulants is 3 mg/dm² or 20mg/kg.
- (3) Test condition & simulant were specified by client.

Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments -Specific migration of heavy metal

Test Method : With reference to EN13130-1:2004, analysis was performed by ICP-OES.

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Sample 001

Simulant Used : 95% Ethanol (V/V) aqueous solution (Rectified olive oil substitute)

Test Condition : 60°C 240.0hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration times	-	-	-	First
Area/volume	-	dm ² /kg	-	6.0
Aluminium	1	mg/kg	0.1	ND
Barium	1	mg/kg	0.25	ND
Cobalt	0.05	mg/kg	0.01	ND
Copper	5	mg/kg	0.25	ND
Iron	48	mg/kg	0.25	ND
Lithium	0.6	mg/kg	0.5	ND
Manganese	0.6	mg/kg	0.25	ND
Nickel	0.02	mg/kg	0.01	ND
Zinc	5	mg/kg	0.5	ND
Conclusion				PASS

Sample 001

Simulant Used : Isooctane (Rectified olive oil substitute)

Test Condition : 40°C 48.0hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration times	-	-	-	First
Area/volume	-	dm ² /kg	-	6.0
Aluminium	1	mg/kg	0.1	ND
Barium	1	mg/kg	0.25	ND
Cobalt	0.05	mg/kg	0.01	ND
Copper	5	mg/kg	0.25	ND
Iron	48	mg/kg	0.25	ND
Lithium	0.6	mg/kg	0.5	ND
Manganese	0.6	mg/kg	0.25	ND
Nickel	0.02	mg/kg	0.01	ND
Zinc	5	mg/kg	0.5	ND
Conclusion				PASS

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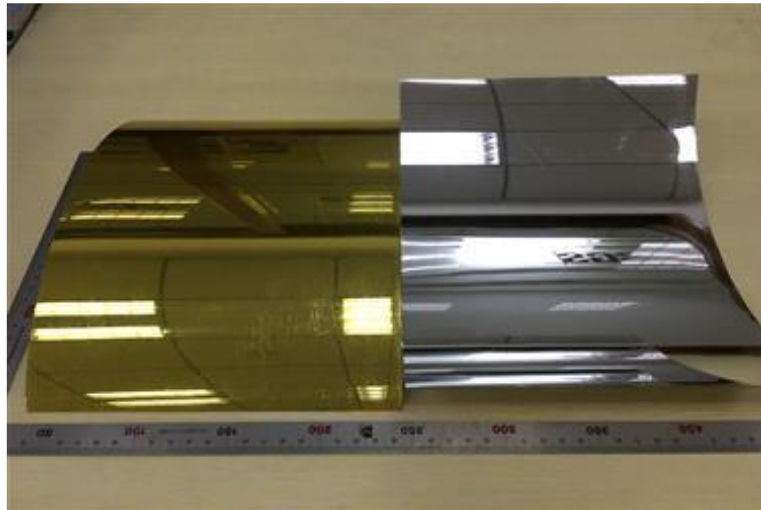
SGS Center, No. 143, Zhuzhou Road, Laoshan District, Qingdao, China 266101
t (86-532) 68999888 f (86-532) 80991955

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Notes :

(1) Test condition & simulatant were specified by client.

Sample photo:



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*** End of Report ***

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