



中国认可
国际互认
检测
TESTING
CNAS L0604

Test Report

No. QDF18-024491-02

Date:30 Aug 2018

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Henan Okay Plastic Industry Co.,Ltd.

Tengfei Avenue,Yigou Town, Tangyin County,Anyang City, Henan Province,China.

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

SGS Job No. : TAOFD1803731001
 Sample Name : High Density Polyethylene Sheet
 Date of Sample Received : 10 Aug 2018
 Testing Period : 10 Aug 2018 - 30 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
 Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments
 -Specific migration of heavy metal

PASS

PASS

English shall prevail in this report.

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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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	QDF18-024491.001	White HDPE sheet (High Density Polyethylene Sheet)	HDPE

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

Test Method : 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 1186-3: 2002 aqueous food simulants by total immersion method;
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>
10% Ethanol (V/V) Aqueous Solution	240.0hr(s)	40°C	10mg/dm ²	<3.0mg/dm ²	PASS
3% Acetic Acid (W/V) Aqueous Solution	240.0hr(s)	40°C	10mg/dm ²	<3.0mg/dm ²	PASS
95% Ethanol (V/V) Aqueous Solution (Rectified Olive Oil Substitute)	240.0hr(s)	40°C	10mg/dm ²	5.5mg/dm ²	PASS
Isooctane (Rectified Olive Oil Substitute)	48.0hr(s)	20°C	10mg/dm ²	8.2mg/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: EN13130-1:2004, analysis was performed by ICP-OES.

Sample 001

Simulant Used: 3% Acetic Acid (W/V) Aqueous Solution

Test Condition : 60°C 240.0hr(s)

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<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

Notes : Test condition & simulant were specified by client.

Remark: ND=Not detected.

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

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