



Test Report

No. SHAEC1604154903

Date: 28 Mar 2016

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ANHUI GUOFENG PLASTIC CO.,LTD

NO.36 TIANZHI RD,NATIONAL HIGH AND NEW TECHNOLOGY INDUSTRIAL DEVELOPMENT ZONE,HEFEI,ANHUI,CHINA

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

SGS Job No. : SP16-007350 - SH
 Date of Sample Received : 10 Mar 2016
 Testing Period : 10 Mar 2016 - 25 Mar 2016
 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
Overall migration	PASS
Specific migration of heavy metal	PASS

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Terry Wang
Approved Signatory

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	SHA16-041549.002	Transparent plastic film	PP

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)

Overall migration

Test Requested : In accordance with Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments, to determine 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;
 EN 1186-3: 2002 aqueous food simulants by total immersion method;
 EN 1186-2: 2002 olive oil by total immersion method;

Simulant Used	Time	Temperature	Max. Permissible Limit	Result of 002 Overall migration	Conclusion
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
Rectified olive oil	240.0hr(s)	40°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 20 mg/kg
- (3) Test condition & simulant were specified by client.
- (4) Reduction factor of 5 is applied according to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III, reference number 08.02A and the end use of product is specified by client.

Specific migration of heavy metal



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Test Requested : In accordance with Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments, to determine specific migration of heavy metal.

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

Sample 002

Simulant Used : 10% Ethanol (V/V) aqueous solution

Test Condition : 40 °C 240.0 hr(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
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
Zinc	25	mg/kg	0.5	ND
Conclusion				PASS

Notes :

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



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Sample photo:



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*** End of Report ***



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