

ASIA PACIFIC INDUSTRY GROUP CO., LIMITED

NO.3399 LUZHOU AVE.,BAOHE DIST., 230051, HEFEI, ANHUI,CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : **BOPP FILM Heat Sealeble tobacco film, shrinkage 3-5%**

SGS Job No. : NP18-000750 - NB
Date of Sample Received : 14 Mar 2018
Testing Period : 14 Mar 2018 - 29 Mar 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
Overall migration	PASS
Specific migration of heavy metal	PASS

Signed for and on behalf of
 SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch

Tony Li

Tony Li
Approved Signatory



SGS-CSTC Standards Technical Services Co., Ltd.
 Ningbo Branch Chemical Laboratory

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	NGB18-009105.002	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 1186-2: 2002 olive oil by total immersion method.

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 002 Overall Migration</u>
Rectified Olive Oil	240.0hr(s)	20°C	10mg/dm ²	<3.0mg/dm ²

Notes :

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

Specific migration of heavy metal

Test Requested : In accordance with Commission Regulation (EU) 2016/1416 amending 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



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Test Report

No. NGBEC1800910503

Date: 29 Mar 2018

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

Test Condition : 20 °C 24.0 hr(s)

Test Item(s)	Max. Permissible	Unit	MDL	Test result
	Limit			
Migration times	-	-	-	1st
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	5	mg/kg	0.5	ND
Aluminium (Al)	1	mg/kg	0.1	ND

Notes :

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

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

