SGS

Test Report

No. NGBEC1800910503 Date: 29 Mar 2018 Page 1 of 3

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

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

Tony Li

Tony Li
Approved Signatory

检验检测专用章 Inspection & Testing Services
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) ℃= 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.

Simulant Used	Time	Temperature	Max. Permissible Limit	Result of 002 Overall Migration
Rectified Olive Oil	240.0hr(s)	20℃	10mg/dm²	<3.0mg/dm²

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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Simulant Used : 3% Acetic Acid (W/V) Aqueous Solution
Test Condition : 20 ℃ 24.0 hr(s)

Test Item(s)	Max. Permissible Limit	Unit	MDL	Test result
Migration times	-	-	-	1st
Area/volume	-	dm²/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:



NGB18-009105.002

SGS authenticate the photo on original report only

*** End of Report ***

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