

Test Report No. SHAEC1202938201 Date: 13 Mar 2018 Page 1 of 5

ASIA PACIFIC INDUSTRY GROUP CO., LIMITED

ADD.: 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: LLDPE STRETCH FILM

SGS Job No.: SP12-006269 - SH

Model No.: LLDPE
Material No.: 1002YB

Main Substance: LLDPE STRETCH FILM

Date of Sample Received: 09 Mar 2018

Testing Period: 09 Mar 2018 - 13 Mar 2018

Test Requested: Selected test(s) as requested by client.

TestMethod: Please refer to next page(s).

Test Results: Please refer to next page(s).

Conclusion: Based on the performed tests on submitted samples, the results of Lead,

Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE) comply with the limits as set by RoHS

Directive 2011/65/EU Annex II; recasting 2002/95/EC.

Signed for and on behalf of SGS-CSTC Ltd.

Fan Jingjie, JJ Approved Signatory

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Test Results:

Test Part Description:

Specimen No. SGS Sample ID Description

1 SHA12-029382.001 Transparent film

Remarks:

(1) 1 mg/kg = 1 ppm = 0.0001%

(2) MDL = Method Detection Limit

(3) ND = Not Detected (< MDL)

(4) "-" = Not Regulated

RoHS Directive 2011/65/EU

Test Method: With reference to IEC 62321:2008

(1) Determination of Cadmium by ICP-OES.

(2) Determination of Lead by ICP-OES.

(3) Determination of Mercury by ICP-OES.

(4) Determination of Hexavalent Chromium by Colorimetric Method using UV-Vis.

(5) Determination of PBBs / PBDEs content by GC-MS.

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	Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>001</u>
(Cadmium (Cd)	100	mg/kg	2	ND
	Lead (Pb)	1,000	mg/kg	2	ND
	Mercury (Hg)	1,000	mg/kg	2	ND
	Hexavalent Chromium (Cr(VI))	1,000	mg/kg	2	ND
	Sum of PBBs	1,000	mg/kg	1-0	ND
5	Monobromobiphenyl	-(mg/kg	5	ND
	Dibromobiphenyl		mg/kg	5	ND
	Tribromobiphenyl	(-	mg/kg	5	ND
	Tetrabromobiphenyl	-	mg/kg	5	ND
	Pentabromobiphenyl	- \	mg/kg	5	ND
	Hexabromobiphenyl	-1.	mg/kg	5	ND
1	Heptabromobiphenyl	120	mg/kg	5	ND
(Octabromobipheny!	J -	mg/kg	5	ND
1	Nonabromobipheny!	-	mg/kg	5	ND
1	Decabromobiphenyl	-	mg/kg	5	ND
;	Sum of PBDEs	1,000	mg/kg	-	ND
1	Monobromodiphenyl ether	-	mg/kg	5	ND
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The company is a stated the results shown in this test report refer only to the sample(s) tested.

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Test Item(s)	<u>Limit</u> <u>Uni</u>	MDL	<u>001</u>					
Dibromodiphenyl ether	- mg/k	g 5	ND					
Tribromodiphenyl ether	- mg/k	g 5	ND					
Tetrabromodiphenyl ether	- mg/k	g × 5	ND					
Pentabromodiphenyl ether	- mg/k	g 5	ND					
Hexabromodiphenyl ether	- mg/	g 5	ND					
Heptabromodiphenyl ether	- mg/l	g 5	ND	A				
Octabromodiphenyl ether	- mg/l	g 5	ND	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				
Nonabromodiphenyl ether	mg/l	g 5	ND	0-				
Decabromodiphenyl ether	- mg/l	g 5	ND	120				
Notes:								
(1) The maximum permissible limit is quoted from directive 2011/65/EU, Annex II								
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Notes:

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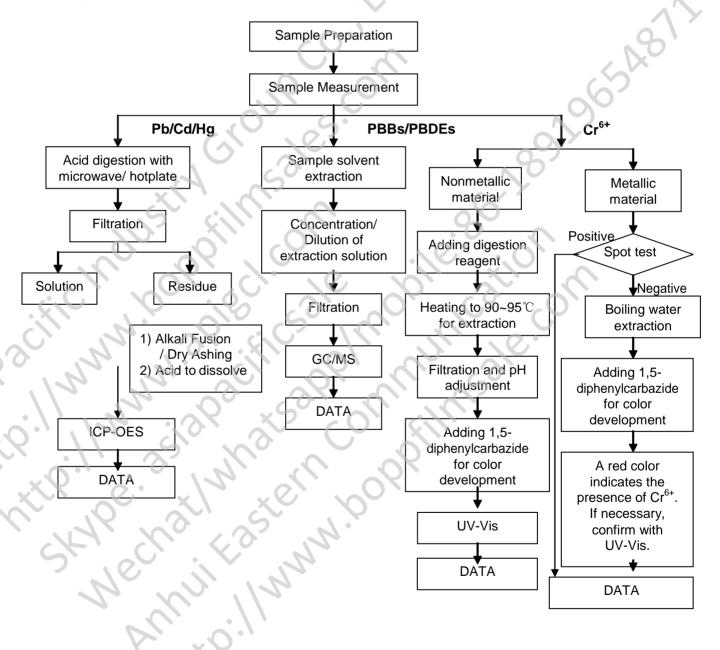


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ATTACHMENTS

RoHS Testing Flow Chart

- 1) Name of the person who made testing: Jan Shi/Yoyo Wang/Allen Xiao/Gary Xu
- 2) Name of the person in charge of testing: Jeff Zhang/George Xu/ Elim Lin
- 3) These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr6+ and PBBs/PBDEs test method excluded)



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Sample photo:



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