



## Test Report

No.: HKHL1511048472JL

Date: NOV 30, 2015

Page 1 of 3

ITZEL VERA  
POLIMEROS MEXICANOS S.A.DE C.V.

The following samples were submitted and identified on behalf of the client as:

### MEDIUM DENSITY POLYETHYLENE

SGS Case No. : HKHL151100036600  
Style / Item No. : ROTOLENE BLACK PLUS ULTRA  
Supplier : POLIMEROS MEXICANOS S.A.DE C.V.  
Country of Origin : MEXICO  
Sample Receiving Date : NOV 23, 2015  
Test Performing Date : NOV 23 – 30 , 2015

Test Requested : Please refer to the result summary.

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

Result Summary :

Test Requested	Conclusion
European RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC	PASS

Signed for and on behalf of  
SGS Hong Kong Ltd.

Che Wai Leuk, Jerry  
Technical Manager

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Test Results :

**European RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC**
Cadmium, Lead, Mercury, Hexavalent Chromium, Polybromobiphenyl (PBB) and Polybromodiphenyl ether (PBDE) content

Method : With reference to IEC 62321:2008, IEC 62321-4:2013, IEC62321-5:2013. Lead, Cadmium and Mercury were analyzed by Inductively Coupled Argon Plasma Spectrometry, Chromium (VI) was analyzed by UV-Visible Spectroscopy and PBB, PBDE were analyzed by Gas Chromatography – Mass Spectrometry (GC-MS).

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
	1		
Cadmium (Cd)	8	5	100
Lead (Pb)	30	5	1000
Mercury (Hg)	ND	5	1000
Hexavalent Chromium (Cr(VI))	ND	5	1000
<b>Sum of PBBs</b>	ND	--	1000
Monobromobiphenyl	ND	5	--
Dibromobiphenyl	ND	5	--
Tribromobiphenyl	ND	5	--
Tetrabromobiphenyl	ND	5	--
Pentabromobiphenyl	ND	5	--
Hexabromobiphenyl	ND	5	--
Heptabromobiphenyl	ND	5	--
Octabromobiphenyl	ND	5	--
Nonabromobiphenyl	ND	5	--
Decabromobiphenyl	ND	5	--
<b>Sum of PBDEs</b>	29	--	1000
Monobromodiphenyl ether	ND	5	--
Dibromodiphenyl ether	ND	5	--
Tribromodiphenyl ether	ND	5	--
Tetrabromodiphenyl ether	ND	5	--
Pentabromodiphenyl ether	ND	5	--
Hexabromodiphenyl ether	ND	5	--
Heptabromodiphenyl ether	ND	5	--
Octabromodiphenyl ether	ND	5	--
Nonabromodiphenyl ether	6	5	--
Decabromodiphenyl ether	23	5	--
<b>Comment</b>	PASS	--	--

Sample Description:

## 1. Black Plastic (Rotolene Black Plus Ultra)

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Page 3 of 3

Test Results (Cont'd) :

Note : 1. mg/kg = milligram per kilogram  
2. ND = Not Detected

Remark : 1. Results shown as ND are ignored in the sum calculation

\*\*\* End of Report \*\*\*

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