

ULR-TC659821000004933F  
Test Report No.RPT/H(RO)/21/000710  
Dated 2021-04-16



South Asia

**Applicant** : LOTUS POLYMERS INDUSTRIES  
B-78 &,B-79,  
KSSIDC Indl EstateBommasandra ,  
Bangalore;Karnataka-560099  
India

**Attention** : Mr.Basant Bhotika,  
**Tested Sample** : Received on 2021-04-10 12:12 pm  
**Test Period** : 2021-04-12 to 2021-04-16  
**Sample Description** : Sample A:LDPE POLYBAG

**Objectives Of Examination** : To Test for RoHS3 (RoHS2 Directive 2011/65/EU (Recasting 2002/95/EC) Annex II Limitation and its valid amending Directives including (EU)2015/863)), based on Applicant's requisition.

*Note : The submitted Samples were not drawn by laboratory.*

*Unless otherwise agreed upon, PASS or FAIL verdicts are given based on the measured values without any considerations of measurement uncertainties. Every test method has a measurement uncertainty which has been evaluated by the laboratory and are available on request. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as PASS nor as FAIL.*

**Conclusion** : Refer Results

Vivek G  
Report Reviewer

Authorised By

Vimalnath Vadivel  
Authorized Signatory

**Please contact :**

**For any technical issues :** R Mahalakshmi at Mahalakshmi.R@tuvsud.com


**For any complaint :** Rajasekar M at Rajasekar.M@tuvsud.com.

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**Note: The test report is electronically generated. Hence original signature is not required.**

Note : (1) The results relate only to the items tested, (2) The test report shall not be reproduced except in full without the written approval of the laboratory,

Tests Subject Description:

SAMPLE NO.	CODE NO.	MATERIAL DESCRIPTION	PHOTOGRAPH	RESULT
A		LDPE POLYBAG		PASS

Test Result

1.0 Phthalates

(Based on CPSC-CH-C1001.09.4 : 2018, Equipment Used: GC-MS)

Analytes	CAS No.	A (mg/kg)	Limit Max.
Benzyl Butyl Phthalate (BBP)	85-68-7	Not Detected	1000 mg/kg
Bis-(2-Ethyl Hexyl )Phthalate (DEHP)	117-81-7	Not Detected	1000 mg/kg
Di-butyl Phthalate(DBP)	84-74-2	Not Detected	1000 mg/kg
Di-iso-butyl Phthalate(DIBP)	84-69-5	Not Detected	1000 mg/kg

Limit of Quantification: 100 mg/kg

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**2.0 Flame Retardants**

(IEC 62321-6-2015, Equipment Used: GC-MS)

	A (mg/kg)	Limit Max.
PBBs-MONOBROMOBIPHENYL	Not Detected	-
PBBs-DIBROMOBIPHENYL	Not Detected	-
PBBs-TRIBROMOBIPHENYL	Not Detected	-
PBBs-TETRABROMOBIPHENYL	Not Detected	-
PBBs-PENTABROMOBIPHENYL	Not Detected	-
PBBs-HEXABROMOBIPHENYL	Not Detected	-
PBBs-HEPTABROMOBIPHENYL	Not Detected	-
PBBs-OCTABROMOBIPHENYL	Not Detected	-
PBBs-NONABROMOBIPHENYL	Not Detected	-
PBBs-DECABROMOBIPHENYL	Not Detected	-
Sum of PBBs	Not Detected	1000 mg/kg
PBDEs-MONOBROMODIPHENYL ETHER	Not Detected	-
PBDEs-DIBROMODIPHENYL ETHER	Not Detected	-
PBDEs-TRIBROMODIPHENYL ETHER	Not Detected	-
PBDEs-TETRABROMODIPHENYL ETHER	Not Detected	-
PBDEs-PENTABROMODIPHENYL ETHER	Not Detected	-
PBDEs-HEXABROMODIPHENYL ETHER	Not Detected	-
PBDEs-HEPTABROMODIPHENYL ETHER	Not Detected	-
PBDEs-OCTABROMODIPHENYL ETHER	Not Detected	-
PBDEs-NONABROMODIPHENYL ETHER	Not Detected	-
PBDEs-DECABROMODIPHENYL ETHER	Not Detected	-
Sum of PBDEs	Not Detected	1000 mg/kg

Limit of Quantification: 2.0 mg/kg

**3.0 Heavy Metal**

(Test Method : Based on IEC 62321-5-2013 for Pb, Cd, IEC 62321-4-2013 for Hg & IEC 62321-7-2-2017 for Hexavalent Chromium (Cr VI), Equipment Used: ICP-OES)

	A (mg/kg)	Limit of Quantification (mg/kg)	Limit Max.
Total Cadmium(Cd)	Not Detected	2.0	100 mg/kg
Lead (Pb)	Not Detected	2.0	1000 mg/kg
Hexavalent Chromium(Cr VI)	Not Detected	3.0	1000 mg/kg
Mercury (Hg)	Not Detected	2.0	1000 mg/kg

- END OF TEST REPORT-