

TEST REPORT

Report No. : PN:HL:4490005615

DATE : 29/11/2013

AVIGLOBAL PLAST PRIVATE LIMITED

SURVEY NO. : 266/4, 5, 6; 269/4; 268/1, COASTAL HIGHWAY, VILLAGE DUNETHA,
DAMAN-396210

INDIA

CONTACT PERSON : Mr. PRASHANT MALAWE

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :

SAMPLE DESCRIPTION RIGID FILM-R PET

SAMPLE RECD ON 07/11/2013

TESTING PERIOD : 07/11/2013 to 29/11/2013

TEST(S) REQUESTED 30 ELEMENT & PACKAGE MATERIAL TESTING

Test result:

Sr.	Substance Name	CAS No.	METHOD	RESULT	MDL	
1	Polyvinyl chloride (PVC)	9002-86-2	FTIR Identification	Not Present	--	
2	Polyvinyl idene chloride (PVDC)	9002-85-1	FTIR Identification	Not Present	--	
3	Diethyl Phthalate (DEP)	84-66-2	Solvent extraction determination by GC-MS	ND	0.01%	
4	Di-(2-ethylhexyl)phthalate (DEHP)	117-81-7		ND	0.01%	
5	Dimethyl Phthalate(DMP)	84-61-7		ND	0.01%	
6	Benzylbutylphthalate (BBP)	85-68-7		ND	0.01%	
7	Dibutyl phthalate (DBP)	84-74-2		ND	0.01%	
8	Diisobutylphthalate (DIBP)	84-69-5		ND	0.01%	
9	Diinonylphthalate (DNP)	84-76-4		ND	0.01%	
10	Didecylphthalate (DDP)	84-77-5		ND	0.01%	
11	Di-n-octylphthalate (DNOP)	117-84-0		ND	0.01%	
12	Dimethyl terephthalate	120-61-6		ND	0.01%	
13	Diallylphthalate (DAP)	131-17-9		EN 14372:2004 Analysis was performed by GC-MS	ND	0.003%
14	Diheptylphthalate (DHP)	3648-21-3		Solvent extraction determination by GC- MS	ND	0.01%

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15	Diisononylphthalate (DINP)	28553-12-0	Solvent extraction determination by GC-MS	ND	0.01%
16	1,2 Benzenedicarboxylic acid, di-c8-10-branched alkyl esters, c9-rich(DINP)	68515-48-0		ND	0.01%
17	Diisodecylphthalate (DIDP)	26761-40-0		ND	0.01%
18	1,2-benzenedicarboxylic acid, di-c9-11-branched alkyl esters, c10-rich (DIDP)	68515-49-1		ND	0.01%
19	1,2 Benzenedicarboxylic acid, di-c11-14 branched alkyl ester	68515-47-9		ND	0.01%
20	Bisphenol A	80-05-7	SOLVENT EXTRACTION Analysis by LC-MS	1.49 mg/kg	1 mg/kg
21	Bisphenol A diglycidyl ether (BADGE)	1675-54-3	--	UNDER TEST	--
	1, 4 dioxane				
22	Alkyl Phenoxy Ethoxylates (APE)	123-91-1	SOLVENT EXTRACTION/ANALYSI S BY LC-MS/GCMS	ND	10 mg/kg
23	Formaldehyde	50-00-0	EN 14184	ND	10 mg/kg
24	Per Fluro Octanoic Acid (PFOA)	335-67-1	Solvent extraction Determination by LCMS-MS	ND	1µg/m ²
25	4-methylbenzophenone (4-MBP	134-84-9	--	UNDER TEST	--
26	Benzophenone (BP)	119-61-9	--	UNDER TEST	--
27	Isopropylthioxanthone (ITX)	5495-84-1	--	UNDER TEST	--

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Sr.	Substance Name	CAS No.	METHOD	RESULT	MDL
28	Green 7	1328-53-6	SOLVENT EXTRACTION	ND	--
29	Green 36	14302-13-7		ND	--
30	Yellow 138	30125-47-4		ND	--

Heavy Metals in Packaging Materials (TPCH or CONEG) 94/62/EEC or 2005/20/EC

TEST NAME / METHOD	ELEMENT	RESULTS	REQUIREMENT
HEAVY METALS IN PACKAGING MATERIALS (EUROPEAN REGULATION-94/62/EEC) Pb,Cd & Hg Analyzed by ICP-OES & Cr-VI by UV-Spectrophotometer (Ref: IEC 62321:2008, US EPA 3050B / US EPA 3052)	TOTAL LEAD (Pb)	7.90	TOTAL (Pb+Cd+Hg+ Cr-VI) <= 100 ppm
	TOTAL HEXAVALENT CHROMIUM (Cr-VI)	ND	
	TOTAL CADMIUM (Cd)	ND	
	TOTAL MERCURY (Hg)	ND	
	TOTAL (Pb+Cd+Hg+ Cr-VI)	ND	
	CONCLUSION	PASS	

NOTE:

- 1) ppm = Parts Per Million (mg/kg), DL = Detection Limit, < Less than
- 2) ND = Not Detected
- 3) Detection Limit (DL) for Pb, Cd & Hg = 5ppm
- 4) Test has been performed ONLY on specified Parts as per client's request.

Note: Above All Tests has been Subcontracted to SGS Approved Lab

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Sample Photo: As received;



SGS authenticate the photo on original report only

**** END OF REPORT****

Per Pro SGS India Private Ltd

Authorized Signatory

Email your Test Report Related Enquiries at Feedback.HLT@sgs.com

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