



TEST REPORT

Report No. : MAN:TR:7530011891

DATE : 19/08/2016

PROMINANCE uPVC PROFILES  
CAPTIV FENESTRATION,S.F NO-207/1B,1C, APPANAIKENPATTI, SULUR  
COIMBATORE-641402  
INDIA

CONTACT PERSON : MR. DEVARAJAN

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

SAMPLE DESCRIPTION uPVC PROFILE

QUOTE NO PC/290/1607/V0

COUNTRY OF ORIGIN INDIA

SAMPLE RECD ON 09/08/2016

TEST(S) REQUESTED ROHS TEST

TESTING PERIOD : 12/08/2016 - 16/08/2016



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

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

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

Conclusion Based on the performed tests on selected part of 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.

Per Pro SGS India Pvt Ltd.

Authorized Signatory

Kapil Patil

(Asst. Manager- Chemical)

Email your Test Report Related Enquiries at [Feedback.HLT@sgs.com](mailto:Feedback.HLT@sgs.com)

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Control No. 7535010904

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Test result :  
ID for sample : 7480011891  
Description for sample : uPVC PROFILE

Test Item(s):	Unit	Test Method	Results	MDL	Limit
Cadmium(Cd)	mg/kg	With reference to IEC 62321-5:2013 (Determination of Cd by ICP-OES)	n.d.	5	100
Lead (Pb)	mg/kg	With reference to IEC 62321-5:2013 (Determination of Pb by ICP-OES)	n.d.	5	1000
Mercury (Hg)	mg/kg	With reference to IEC 62321-4:2013 (Determination of Hg by ICP-OES)	n.d.	5	1000
Hexavalent Chromium (CrVI)	mg/kg	With reference to IEC 62321:2008 (Determination of CrVI by UV-VIS)	n.d.	2	1000
<b>Sum of PBBs</b>	mg/kg	With reference to IEC 62321:2008 (Determination of PBB by GC-MS)	<b>n.d.</b>	-	1000
Monobromobiphenyl	mg/kg	With reference to IEC 62321:2008 (Determination of PBB by GC-MS)	n.d.	50	-
Dibromobiphenyl	mg/kg	With reference to IEC 62321:2008 (Determination of PBB by GC-MS)	n.d.	50	-
Tribromobiphenyl	mg/kg	With reference to IEC 62321:2008 (Determination of PBB by GC-MS)	n.d.	50	-
Tetrabromobiphenyl	mg/kg	With reference to IEC 62321:2008 (Determination of PBB by GC-MS)	n.d.	50	-
Hexabromobiphenyl	mg/kg	With reference to IEC 62321:2008 (Determination of PBB by GC-MS)	n.d.	50	-
Pentabromobiphenyl	mg/kg	With reference to IEC 62321:2008 (Determination of PBB by GC-MS)	n.d.	50	-
Heptabromobiphenyl	mg/kg	With reference to IEC 62321:2008 (Determination of PBB by GC-MS)	n.d.	50	-
Octabromobiphenyl	mg/kg	With reference to IEC 62321:2008 (Determination of PBB by GC-MS)	n.d.	50	-
Nonabromobiphenyl	mg/kg	With reference to IEC 62321:2008	n.d.	50	-

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		(Determination of PBB by GC-MS)			
Decabromobiphenyl	mg/kg	With reference to IEC 62321:2008 (Determination of PBB by GC-MS)	n.d.	50	-
<b>Sum of PBDEs</b>	mg/kg	With reference to IEC 62321:2008 (Determination of PBDEs by GC-MS)	<b>n.d.</b>	-	<b>1000</b>
Monobromodiphenyl ether	mg/kg	With reference to IEC 62321:2008 (Determination of PBDEs by GC-MS)	n.d.	50	-
Dibromodiphenyl ether	mg/kg	With reference to IEC 62321:2008 (Determination of PBDEs by GC-MS)	n.d.	50	-
Tribromodiphenyl ether	mg/kg	With reference to IEC 62321:2008 (Determination of PBDEs by GC-MS)	n.d.	50	-
Tetrabromodiphenyl ether	mg/kg	With reference to IEC 62321:2008 (Determination of PBDEs by GC-MS)	n.d.	50	-
Pentabromodiphenyl ether	mg/kg	With reference to IEC 62321:2008 (Determination of PBDEs by GC-MS)	n.d.	50	-
Hexabromodiphenyl ether	mg/kg	With reference to IEC 62321:2008 (Determination of PBDEs by GC-MS)	n.d.	50	-
Heptabromodiphenyl ether	mg/kg	With reference to IEC 62321:2008 (Determination of PBDEs by GC-MS)	n.d.	50	-
Octabromodiphenyl ether	mg/kg	With reference to IEC 62321:2008 (Determination of PBDEs by GC-MS)	n.d.	50	-
Nonabromodiphenyl ether	mg/kg	With reference to IEC 62321:2008 (Determination of PBDEs by GC-MS)	n.d.	50	-
Decabromodiphenyl ether ##	mg/kg	With reference to IEC 62321:2008 (Determination of PBDEs by GC-MS)	n.d.	50	-

## Note :-

- mg/kg = ppm : 0.1wt% = 1000ppm
- n.d. = not detected
- MDL = Method Detection Limit
- ## = The exemption of DecaBDE in polymeric application according 2005/717/EC was overruled by the European Court of Justice by its decision of 01.04.2008. Subsequently DecaBDE is included in the sum of PBDE after 01.07.2008
- = not regulated

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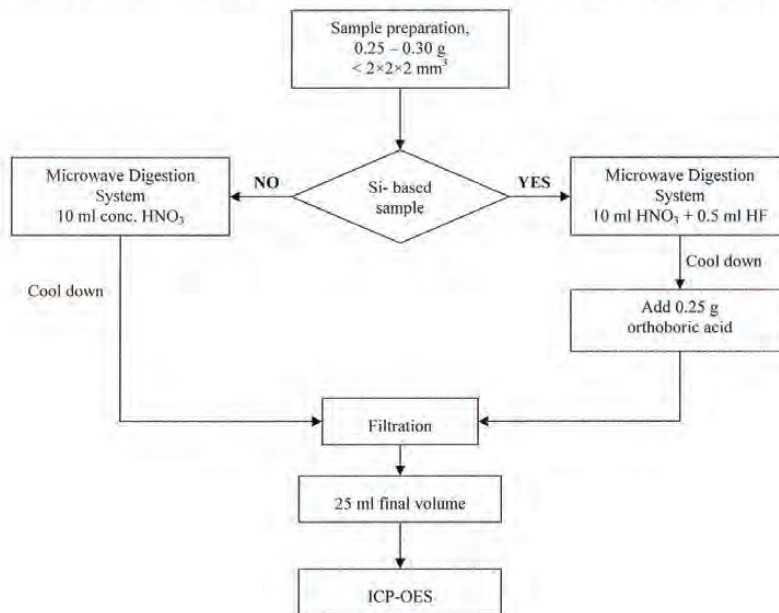
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**Process Flow for analysis of metal contents in plastics, metals and electronic components sample**



Analyzed By: Suman Mandrwal

Checked By: Kapil Patil



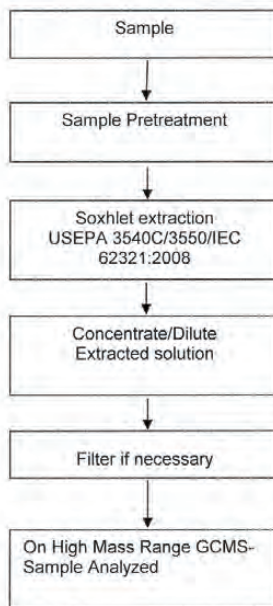
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**Process Flow for analysis of Flame Retardants in plastics, metals and electronic components sample**



Analyzed By: Suman Mandrwal

Checked By: Kapil Patil

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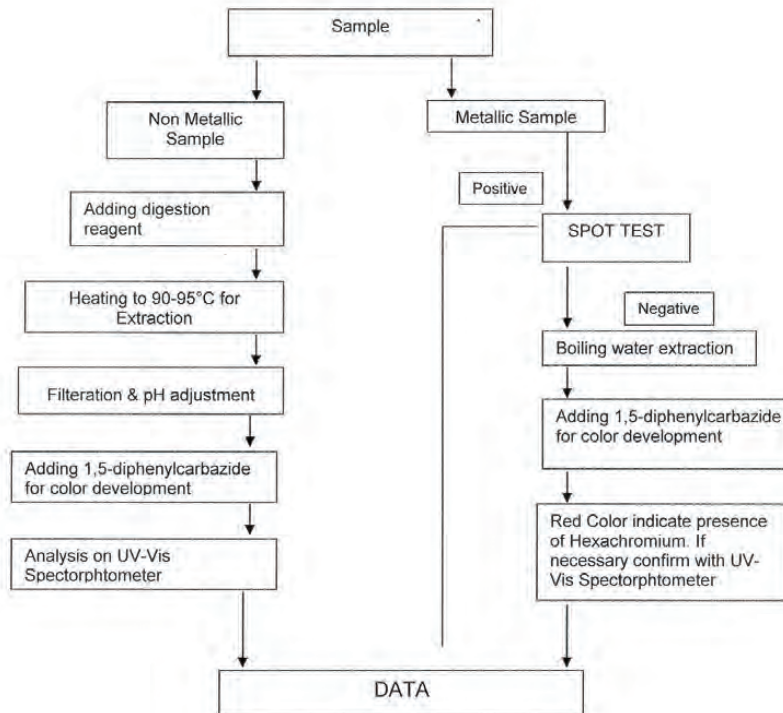
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**Process Flow for analysis of Hexavalent chromium contents in plastics, metals and electronic components sample**



Analyzed By: Suman Mandrwai

Checked By: Kapil Patil

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Sample Photo: as received



SGS authenticate the photo on original report only.

**Note** : Test performed as per the conditions given by the client.  
Above Test subcontracted to **SGS approved lab.**

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

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