



ATMY ANALYTICAL LABS PVT.LTD.

(NABL/ISO 17025 Accredited Laboratory)

I-38, DLF Industrial Area, Phase-1, Faridabad (Haryana) INDIA
Phone: +91-129-4019544, 6453754
info@atmylabs.com, www.atmylabs.com

- Testing
- Research
- Innovation

TEST REPORT

Issued To :
PROFINE INDIA WINDOW TECHNOLOGY PVT LTD,
PLOT NO. 731/A ,NEAR ITT
MANJUSAR GIDC SAVLI

Sample / Material :
UPVC PROFILE

DOI : 10-May-2018
DOB: 01-May-2018

VADODARA-391775

Kind Attn. :

Client Ref. No. :

Report No.: 180501012-3910

RB\1\RA000\IA64491

ID-1805010052

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RoHS ANALYSIS REPORT

TEST	D.L. (ppm)	RESULT (ppm)	LIMITS (ppm)
Toxic Metal			
Lead (as Pb)	1.0	ND	1000.0
Cadmium (as Cd)	1.0	ND	100.0
Mercury (as Hg)	2.0	ND	1000.0
Hexa Chromium (as Cr+6)	2.0	ND	1000.0
Sum of PBBs (Mono to Deca)*			1000.0
Monobromobiphenyl	50.0	ND	-
Dibromobiphenyl	50.0	ND	-
Tribromobiphenyl	50.0	ND	-
Tetrabromobiphenyl	50.0	ND	-
Pentabromobiphenyl	50.0	ND	-
Hexabromobiphenyl	50.0	ND	-
Heptabromobiphenyl	50.0	ND	-
Octabromobiphenyl	50.0	ND	-
Nonabromobiphenyl	50.0	ND	-
Decabromobiphenyl	50.0	ND	-
Sum of PBDEs (Mono to Deca)*			1000.0
Monobromodiphenyl ether	50.0	ND	-
Dibromodiphenyl ether	50.0	ND	-
Tribromodiphenyl ether	50.0	ND	-
Tetrabromodiphenyl ether	50.0	ND	-
Pentabromodiphenyl ether	50.0	ND	-
Hexabromodiphenyl ether	50.0	ND	-
Heptabromodiphenyl ether	50.0	ND	-
Octabromodiphenyl ether	50.0	ND	-
Nonabromodiphenyl ether	50.0	ND	-
Decabromodiphenyl ether	50.0	ND	-

MSF 5.10.01

Analyst

Authorised Signatory

Govt. Approved Laboratory

ISO 9001 : 2015, ISO 14001:2015 & OHAS 1800:2007 Certified Laboratory



Terms & Conditions:

1. Sample will not be retained more than one month for chemical and three month for mechanical unless specified instructed.
2. Sample analysis conducted on as received basis and followed by customer description, unless specified otherwise.
3. The laboratory will not be liable for sample destroy/ damage during testing, unless instructed otherwise. **Test Certificate No. H - 3910**
4. Any Complaints matter about this report should be communicated in written, within 7 days of issue of this report.
5. The result listed refer only to the tested samples and applicable parameters as described by customer. Endorsement of product is neither inferred nor implies.
6. Total liability of our laboratory is limited to the invoiced amount.
7. This report cannot be used as and evidence in a court of law without the written approval of the laboratory.



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MANJUSAR GIDC SAVLI

Sample / Material :
UPVC PROFILE

DOI : 10-May-2018
DOB: 01-May-2018

VADODARA-391775

Report No.: 180501012-3916

Kind Attn.:

Client Ref. No. :

RB\1\RA000\IA64491

ID-1805010052

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RoHS ANALYSIS REPORT



Sample Photo (uPVC profile)

Note: DL - Detection limit ND - Not Detected

Protocol: Directives 2011/65/EU/IEC 62321,Ed.1:2008

Remarks: The above sample meets RoHS compliance with respect to the above test.

*** End of Report***

Analyst

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Sample / Material :
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DOI : 10-May-2018
DOB: 01-May-2018

VADODARA-391775

Kind Attn. :

Client Ref. No. :

Report No.: 180501012-3914

ID-1805010052

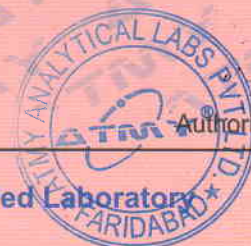
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PHYSICAL TEST REPORT

TEST	UNIT	RESULT	TEST METHOD
Density	g/cm ³	1.46	ASTM D792
Hardness	Shore D	84	ASTM D2240
Tensile Strength	Mpa	50.0	ASTM D638
Elongation at Break	%	88.0	ASTM D638
Tensile Modulus	Mpa	2260	ASTM D638
Flexural Strength	Mpa	90	ASTM D 790
Flexural Modulus	Mpa	2644	ASTM D 790
Ball Impact Hardness	N/mm ²	93	DIN ISO 239 T1
Charpy Impact Strength	KJ/m ²	58.6	DIN EN ISO 179
Izod Notched Impact (at 23°C / Wall thickness)	KJ/m ²	36.0	DIN EN ISO 179

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Test Certificate No. H -

3914

MSF 5.10.01



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Client Ref. No. :

Report No.: 180501012-3915

ID-1805010052

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PHYSICAL TEST REPORT

TEST	UNIT	RESULT	TEST METHOD
Heat Resistance (at 150±2°C for 30 +3/-0 minutes)	--	No Defects observed	BS EN 12608
Heat Reversion (Main profile)	%	1.6	BS EN 12608
Resistance to Impact by falling mass (at 1 meter height and temp. -10°C)	--	No cracks	BS EN 12608
Stress Relief	--	No Blisters and cracks	IS 13592
Limiting Oxygen Index	%	40.0	ASTM D2863
Water Absorption	%	0.34	ASTM D570
Vicat Softening Temperature (5Kg)	°C	82	ASTM D1525
Heat Deflection Temperature	°C	83	ISO 75
Linear Thermal Expansion Coefficient (at -30°C to +50°C)	m°C	$0.78 \times 10^{-4} K^{-1}$	ASTM D696
Thermal Conductivity	W/mK	0.16	DIN 52612
Volume Resistivity	Ohm/cm	10^{15}	DIN VDE 0303 T3
Relative Permittivity at 50 GHz	--	3.4	DIN 53483

End of Report

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