

TEST REPORT

Report No.: 2008060062

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Date: 18-08-2020

Issued To:

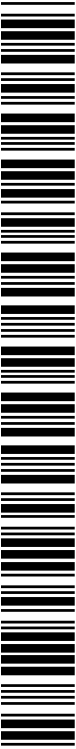
M/s GREENTECH UPVC INDIA PVT. LTD.
SY. NO. - 220-230, SAMPANBOLE VILLAGE, JAGANGUDA GP,
SHAMIRPET MANDAL, MEDCHAL TELANGANA - 500078

Sample Description : GREENTECH UPVC PROFILE
Sample Received Date : 06-08-2020
Sample Drawn By : Client
Specification : --
Test Requested : UPVC Profile
Test Method : Refer to Attached Pages.
Test Result : Refer to Attached Pages.

SAMPLE PICTURE



Authentication: To Check authenticity of Test report (s), Scan QR code to get original data.



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. 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 only. 7. This report cannot be used as an evidence in a court of law without the written approval of the laboratory.
MSF 5.10.01



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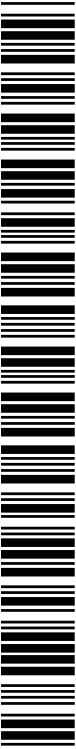
PHYSICAL TEST REPORT

UPVC Profile Test

Test performed on : 08-08-2020 to 18-08-2020

Test Parameter	Unit	Result	Test Method
Tensile strength	N/mm ²	35.57	ASTM D 638
Elongation	%	8.82	ASTM D 638
Density	gm/cc	1.49	ASTM D 792
Flexural Modulus	N/mm ²	2947.24	ASTMD 790
Flammability (Horizontal)	---	FH1	IS 11731 (Pt. 1)
Flammability (Vertical)	---	FV0	IS 11731 (Pt. 2)
Resistance to heat ageing (at 168 Hrs)	---	No Change	IS 14772
Heat Reversion	%	- 3.3	IS 12235 (Pt.5)
Stress Relief	---	No Crack	IS 12235 (Pt.6)
Impact strength	---	Passed	IS 12235 (Pt.9)
Visual Appearance	---	Satisfactory	---
Vicat softening point	°C	89.5	ASTM D 1525
Tensile Modulus	N/mm ²	816.7	ASTM D 638
Hardness	Shore D	80	ASTM D 2240
Water Absorption	%	0.0205	IS 13360 (Pt.8)
Wall Thickness Avg.	mm	2.08	---
Filler Content	%	13.82	ASTMD 5630
Colour	---	Off white	---

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<u>Test Parameter</u>	<u>Unit</u>	<u>Result</u>	<u>Test Method</u>
Heat shrinkage (at 100°C)	%	- 0.51	IS 10810 (Pt.12)
Charpy impact strength	KJ/m ²	39.56	ASTMD 6110
Izod impact strength	J/m	398.41	ASTMD 256
Mass	Kg	1.098	---
Dimension tolerance	%	2.96	---
Deviation from straightness	---	Satisfactory	---

-----End of Report-----



P.N.Rao
SR. ANALYST

Authorised Signatory



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