

DOC No. : I-30, DLF Industrial Area, Phase-1, Faridabad,
Telephone : +91 9910808996 Faridabad, Haryana, India - 121003
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E-Mail : info@atmylabs.com
BO Code : None

Test REPORT AS PER : IS 17953 (2023)**QR Code/Barcode : 100001034471****REPORT NO : 10483640/2025/SS/1_1**

DATE : 03 Jul, 2025

PART A. PARTICULARS OF SAMPLE SUBMITTED

a) Customer Name & Address : RAVIRAJA INDUSTRIES PRIVATE LIMITED
Plot no 488, Sy.No.682,693 to
697,699,701,702,704 to 709,711 to 717,
Unnamed Road, Water Tank, Dandumalkapur
Industrial Park, Dandumalkapur Industrial Park,
PEDDAPALLI, PEDDAPALLI, TELANGANA, INDIA -
508252

b) Nature of sample : SS

c) Grade/Variety/Type/Class Size etc : Name of the product - UPVC PROFILES FOR
WINDOWS AND DOORS SPECIFICATION, Type of
Extrusion - Mono Extrusion, Profile Design & Size
- RST- 92

d) Declare values, if any : Name of the product - UPVC PROFILES FOR
WINDOWS AND DOORS SPECIFICATION, Type of
Extrusion - Mono Extrusion, Profile Design & Size
- RST- 92

e) Batch No. & Date of Manufacture : Trial Batch/

f) Quantity : 1pcs

g) Date of Receipt : 14 May, 2025

h) BIS Seal : Verified by Sample Cell

i) IO's Signature : Verified by Sample Cell

j) Any other Information / Expiry Date, If any : -/NA

k) Date of Commencement of Testing : 14 May, 2025

l) Date of Completion of Testing : 03 Jul, 2025

m) Section Code : 25M8B78

n) Section Report No. : 25M8B78_1

o) Report Type : New

p) Reference Report No. :

q) Remarks :

Nitin Chauhan
OIC SAMPLE CELL
(Authorized Signatory)
Authorized on: 03 Jul, 2025 12:26 PM

1.

This is a Computer Generated Report.

PART B. SUPPLEMENTARY INFORMATION

1. Reference to sampling procedure, wherever applicable.	Not Applicable
2. Supporting documents for the measurements taken and results derived like graphs, table sketches and or photographs as appropriate to test report, if any.	Not Applicable
3. Deviation from the test methods as prescribed in relevant ISS/Work instruction, if any.	Not Applicable
3. NABL Report required ?	-

Rahul .
OIC Mechanical
(Authorized Signatory)
Authorized on: 03 Jul, 2025 12:25 PM

This is a Computer Generated Report.

PART C. TEST RESULT

S.No.	Clause No Table No. Sl. No	Parameter - Method of test	Test Description	Min Limit	Max Limit	Unit	Result/ Observation
1	Cl. No.5.1.1	UV Resistant Virgin Material	As per Annexure B	-	-	-	The complete test report is attached

Rahul .
OIC Mechanical
(Authorized Signatory)
Authorized on: 03 Jul, 2025 12:25 PM

This is a Computer Generated Report.

PART D. REMARKS

Rahul .
OIC Mechanical
(Authorized Signatory)
Authorized on: 03 Jul, 2025 12:25 PM

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TEST REPORT

Report No.: **25M8B78**

Page 1 of 4
Date: 20-06-2025

Issued To:

M/s RAVIRAJA INDUSTRIES PRIVATE LIMITED.
PLOT NO - 488, SY NO - 682, 693, TO 697, 699, 701, 704 TO 709,
711 TO 717, UNNAMED ROAD, WATER TANK,
DANDUMALKAPUR INDUSTRIAL PARK, PEDDAPALLI, TELEANGA,
INDIA - 508252

Sample Description : SAMPLE CODE - 10483640/2025/SS/1, QR CODE - 100001034471
Sample Received Date : 14-05-2025
Sample Drawn By : Client
Specification : --
Test Requested : TEST AS PER IS 17953:2023
Test Method : Refer to Attached Pages.
Test Result : Refer to Attached Pages.

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.



TEST REPORT

Report No.: 25M8B78

Page 2 of 4
 Date: 20-06-2025

PART-A: PARTICULARS OF SAMPLE SUBMITTED:

Nature of sample	:	UPVC Profile for Windows and Doors
Grade/Variety/Type/Class	:	UPVC Profile. Mono Extrusion, Profile Design & Size – RST-92
Brand Name, if any	:	-
Declared Value, if any	:	Width-92, Depth-50, Thickness-2.1, Moment of inertia I_x -186048.758mm ⁴ e -45.5678mm, Weight – 1.24 kg/m
Code No.	:	10483640/2025/SS/1
Designation Code	:	-
Batch No. & Date of Mfg.	:	Trial Batch & 1 May, 2025
Quantity of sample received	:	10 nos. of 1m profile, 3 no's. of welded corner for tensile bending test 3 no's. of Welded T Joints for Tensile Bending, 3 no's. of welded corner for Compression Bending 3 no's. of Welded T Joints for Compression Bending test.
Condition of sample received	:	Satisfactory
Mode of packing	:	-
Manner of seal	:	-
Manner of Signature	:	-
Other information if any	:	-

PART-B: SUPPLIMENTARY INFORMATION:

- Reference to the sampling procedure, wherever applicable: N/A
- Supporting to the documents for the measurement taken and result derived like graph, table, sketches, and/or photographs as appropriate to test report, if any [To be attached]: N/A
- Deviation from the test methods as prescribed in relevant ISS/work instruction, if any: N/A

PART – C: TEST RESULTS:

TEST REPORT AS PER IS 17953:2023

I. Chemical & Mechanical

Test Method: IS 17953:2023

Test performed on: 14-05-2025 to 20-06-2025

Sr. no	Clause No.	Test (s)	Unit	Requirement	Result obtained
1	5.1.1	UV Resistant Virgin Material	--	UV resistant / Non UV resistance	UV Resistant
		Vicat Softening Temperature as per IS 13360 (Part 6/Sec 1)	°C	≥ 75.0 Average ≥ 73.0 Individual	84.7 83.0
		Flexural Modulus of Elasticity as per IS 13360 (Part 5/Sec 7)	N/mm ²	≥ 2200.0 Average ≥ 2000.0 Individual	2450 2400
		Tensile Impact Strength as per IS 13360 (Part 5/Sec 27)	kJ/m ²	≥ 600.0 Average ≥ 450.0 Individual	630 625
2	5.2	Appearance of uPVC Profile (as per IS/ISO 105-A01)	--	The colour of the profile shall be the same and uniform on all visible surfaces,	Satisfactory
				The surfaces of the profiles shall be smooth and free from pitting, impurities, cavities and other surface defects when viewed in accordance with 6.1	Satisfactory
				The edges of the profiles shall be clean and burr-free	Satisfactory

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Sr. no	Clause No.	Test (s)	Unit	Requirement	Result obtained
		L	--	≥ 82	95.40
		a	--	$- 2.5 \leq a^* \leq 5$	1.39
		b	--	$- 5 \leq b^* \leq 15$	1.04
3	5.3	Dimensions and Tolerances			
		Depth (D)	mm	50 ± 0.3	50.10
		Width (W)	mm	92 ± 0.5	92.32
		Sight visible surface wall thickness	mm	2.1 (-10 % max)	2.14
		Sight visible surface flatness,	mm	0.3 max.	0.10
		Parallelism	mm	0.5 max.	0.25
4	5.3.4	Straightness	mm	1 max.	0.50
5	5.4	Mass of profile	%	Not less than 95	99.19
6	5.5	Heat Reversion			
		Main profile	%	≤ 2.0	0.78
		Difference of heat reversion	%	≤ 0.4	0.18
		Auxiliary profiles	%	NA	NA
7	5.6	Resistance to Impact of Falling Mass	--	No more than one test specimen shall show rupture in the tested external sight visible surface. For co-extruded uPVC profiles, delamination of co-extruded layer shall be considered as a failure	No failure observed
8	5.7	Heat Ageing	--	The profiles shall not show defects such as blisters, cavities, cracks and surface peel offs on any of the surfaces. For co-extruded uPVC profiles, delamination of co-extruded layer shall be considered as a failure.	Satisfactory

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TEST REPORT

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Sr. no	Clause No.	Test (s)	Unit	Requirement	Result obtained
9	5.8	Weldeability			
	5.8.1	Tensile Bending Test	N/mm ²	≥ 16 Individual value > 20 Avg. value	22.8 24.0
	5.8.2	Compression Bending Test	N/mm ²	≥ 24 Individual value > 28 Avg. value	30.4 31.9
10	5.9 Table 3	Charpy Impact Strength (before artificial Weathering)	kJ/m ²	≥ 65	66.8
11	5.10.3 Table 3	Charpy Impact Strength (after artificial Weathering)	kJ/m ²	≥ 52	Test Under process
		Max. Impact of Reduction (after artificial Weathering)	%	20	Test Under process
12	5.10.4	Colour Fastness (after artificial Weathering)	--	ΔE - ≤ 5 Δb- ≤ 3	Test Under process
13	5.11	Density	g/cm ³	1.40 to 1.50	1.46

PART – D: REMARKS: The above submitted sample/product conforms to the requirements of IS 17953:2023 with respect to above test only.

Note: 1) Selection of samples for individual test have been done in accordance with respective clauses of IS 17953:2023
 2) Details of sub-contracted: Nil
 3) Remnant samples will be disposed off after 03 months from the date of issue of test report.

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




Rahul
 ASSISTANT MANAGER- TESTING

Authorised Signatory

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