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BO Code : None

Test REPORT AS PER : IS 17953 (2023)

QR Code/Barcode : 100001290458

REPORT NO : 10519403/2026/SS/5_1

DATE : 15 Apr, 2026

PART A. PARTICULARS OF SAMPLE SUBMITTED

a) Customer Name & Address : DURAKRAFT EXTRUSIONS PRIVATE LIMITED
D-22,c/o M/s JA& Associates, Meerut Road
Industrial Area, MEERUT ROAD, GHAZIABAD,
UTTAR PRADESH, INDIA - 201003

b) Nature of sample : SS

c) Grade/Variety/Type/Class Size etc : Name of the Product - UPVC PROFILES FOR
WINDOWS AND DOORS, Type of Extrusion - Mono
Extrusion, Profile Design & Size - Drawing No
with identification code for each design and size,
Drawing No - DKLDSS80, Identification code -
SSDS1

d) Declare values, if any : NA

e) Batch No. & Date of Manufacture : SSDS12711252108L2/

f) Quantity : 10 Nos 1 Meter Profiles 3 Nos of Welded Corners
for Tensile Bending Test 3 Nos of Welded T-Joints
for Tensile Bending Test 3 Nos of Welded Corners
for Compression Bending Test 3 Nos of Welded T-
Joint for Compression Bending Test

g) Date of Receipt : 13 Mar, 2026

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 : 13 Mar, 2026

l) Date of Completion of Testing : 15 Apr, 2026

m) Section Code : 26M6ADC80

n) Section Report No. : 26M6ADC80_1

o) Report Type : New

p) Reference Report No. :

q) Remarks :

Nitin Chauhan
OIC SAMPLE CELL
(Authorized Signatory)
Authorized on: 15 Apr, 2026 17:23 PM

1.

This is a Computer Generated Report.

TEST REPORT

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PART –A: PARTICULERS OF SAMPLE SUBMITTED:

Nature of sample : UPVC Profile for Windows and Doors
 Grade/Variety/Type/Class : UPVC Profile, Mono Extrusion,
 Brand Name, if any : -
 Declared Value, if any : Width-80mm, Depth-40mm, Thickness-2.0mm, Weight-1.00Kg/m,
 lx=156391.63mm⁴, e=14.7044mm
 Code No. : 10519403/2026/SS/5
 Designation Code : -
 Batch No. & Date of Mfg. : SSDS12711252108L2 & 27 Nov, 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 corner for Compression Bending ,3 Nos of welded T-
 joint 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:

- a) Reference to the sampling procedure, wherever applicable: N/A
 b) 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
 c) 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:13-03-2026 to 11-04-2026

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 (declared)
		Vicat Softening Temperature as per IS 13360 (Part 6/Sec 1)	°C	≥ 75.0 Average	83.9
		Flexural Modulus of Elasticity as per IS 13360 (Part 5/Sec 7)	N/mm ²	≥ 2200.0 Average	2400
		Tensile Impact Strength as per IS 13360 (Part 5/Sec 27)	kJ/m ²	≥ 2000.0 Individual ≥ 600.0 Average	2356 622
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

BIS, DGQA & Various Govt. Approved Laboratory

ISO 9001 : 2015, ISO 14001:2015 & OHSAS 18001:2007 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. Samples 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 and evidence in a court of law without the written approval of the laboratory.



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Sr. no	Clause No.	Test (s)	Unit	Requirement	Result obtained	
		L	--	≥ 82	94.71	
		a	--	- 2.5 ≤ a* ≤ 5	1.55	
		b	--	- 5 ≤ b* ≤ 15	1.02	
3	5.3	Dimensions and Tolerances				
		Depth (D)	mm	40 ± 0.3	39.90	
		Width (W)	mm	80 ± 0.5	79.85	
		Sight visible surface wall thickness	mm	2.0 (-10 % max)	1.88	
		Sight visible surface flatness,	mm	0.3 max.	0.05	
		Parallelism	mm	0.5 max.	0.15	
4	5.3.4	Straightness	mm	1 max.	0.30	
5	5.4	Mass of profile	%	Not less than 95	97.0	
6	5.5	Heat Reversion				
		Main profile	%	≤ 2.0	0.34	
		Difference of heat reversion	%	≤ 0.4	0.15	
		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	

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



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Sr. no	Clause No.	Test (s)	Unit	Requirement	Result obtained
9	5.8	Weldability			
	5.8.1	Tensile Bending Test	N/mm ²	≥ 16 Individual value > 20 Avg. value	22.8 23.9
	5.8.2	Compression Bending Test	N/mm ²	≥ 24 Individual value > 28 Avg. value	29.4 31.0
10	5.9 Table 3	Charpy Impact Strength (before artificial Weathering)	kJ/m ²	≥ 65	67.8
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 max.	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	1.49

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

Rahul
 ASSISTANT MANAGER- TESTING
 Authorised Signatory

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