

केंद्रीय पेट्रोसायन अभियांत्रिकी
एवं प्रौद्योगिकी संस्थान
सिपेट : सेन्टर फॉर स्किलिंग एण्ड
टेक्निकल सपोर्ट (सी एस टी एस)
रसायन एवं पेट्रोसायन विभाग,
रसायन एवं उर्वरक मंत्रालय, भारत सरकार
हरिद्वार रोड, पोस्ट-भानियावाला, डोईवाला
देहरादून-248140 (उत्तराखण्ड)
फोन : + 91-135-2695075
ई-मेल : dehradun@cipet.gov.in
वेबसाइट : www.cipet.gov.in
मुख्यालय : सिपेट, गिंडी, चैन्नई- 600 032



CENTRAL INSTITUTE OF PETROCHEMICALS
ENGINEERING & TECHNOLOGY
CIPET : CENTRE FOR SKILLING AND
TECHNICAL SUPPORT (CSTS)

Department of Chemicals & Petrochemicals
Ministry of Chemicals & Fertilizers, Govt. of India
Haridwar Road, Post - Bhaniyawala, Doiwala
Dehradun - 248140(Uttarakhand)
Phone : +91-135-2695075
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Website : www.cipet.gov.in
Head Office : CIPET, Guindy, Chennai - 600 032

क्र./सिपेट-सीएसटीएस/दे.दून./परीक्षण रिपोर्ट/2024-25/982

दिनांक: 07.01.2025

प्रति / To

मेसर्स प्रोफाइन इंडिया विंडो टेक्नोलॉजी प्रा. लिमिटेड / M/s Profine India Window Technology Pvt. Ltd.

501, 5वीं मंजिल, कैलाश बिल्डिंग, के.जी./ 501, 5th floor, Kailash Building, K.G
मार्ग. नई दिल्ली-110001, भारत./ Marg. New Delhi-110001, India,

विषय: परीक्षण रिपोर्ट-बाबत

Sub: Test Report -Reg.

संदर्भ क्रमांक: NIL दिनांक: NIL

महोदय / Dear Sir,

कृपया हमारी परीक्षण रिपोर्ट क्रमांक : 1238 दिनांक: 07.01.2025 प्राप्त करें ।

Please find enclosed herewith the Test Report No.: 1238 Dtd: 07.01.2025

कृपया संलग्न ग्राहक फ़ीडबैक फ़ॉर्म भरकर आवश्यक रूप से भेजें ।

Kindly fill the enclosed customer feedback form & return the same.

सादर /With regards

भवदीय / Yours sincerely,

निदेशक एवं प्रमुख/Director & Head

संलग्न : उपरोक्तनुसार/Encl : As above

केन्द्रीय पेट्रोसायन अभियांत्रिकी एवं प्रौद्योगिकी संस्थान

(पूर्व में केन्द्रीय प्लास्टिक्स इंजीनियरिंग एवं तकनीकी संस्थान)

सिपेट: कौशल एवं तकनीकी
सहायता केन्द्र (सी एस टी एस)
(रसायन एवं पेट्रोसायन विभाग,
रसायन एवं उर्वरक मंत्रालय, भारत सरकार)
हरिद्वार रोड, पोस्ट-भानियावाला, डोईवाला,
देहरादून-248 140 (उत्तराखण्ड)

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मुख्यालय : सिपेट, गिण्डी, चैन्नई- 600 032



PLASTICS TESTING CENTRE
TEST CERTIFICATE



Format No.: Annexure 7.8 a
CENTRAL INSTITUTE OF PETROCHEMICALS

ENGINEERING & TECHNOLOGY
(Formerly Central Institute of Plastics Engineering & Technology)

CIPET : CENTRE FOR SKILLING AND
TECHNICAL SUPPORT (CSTS)

(Department of Chemicals & Petrochemicals,

Ministry of Chemicals & Fertilizers, Govt. of India)

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Email: dehradun@cipet.gov.in

Head Office: CIPET, Guindy, Chennai-600 032

SERIES : A

क्र.1528

जारी/Issued to:

M/s Profine India Window Technology Pvt. Ltd.
501, 5th floor, Kailash Building, K.G
Marg. New Delhi-110001, India



यूएलआर नंबर/ULR No.

TC93072500000008P

परीक्षण रिपोर्ट नं./Test Report No.

1238

दिनांक/Date

07/01/2025

पेज नं./Page No.

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परीक्षण रिपोर्ट/Test Report

भाग-ए/PART -A

प्रस्तुत नमूने का विवरण/PARTICULARS OF SAMPLE SUBMITTED

संदर्भ क्रमांक /Your Ref No: NIL

दिनांक/Date: NIL

- | | |
|--|--|
| (a) नमूने का नाम/Name of the Sample | : UPVC Profiles (Koeemerling UPVC Profile -2059) |
| (b) ग्रेड/किस्म/प्रकार/आकार/वर्ग/
Grade/Variety/Type/Size/Class | : NIL |
| (c) घोषित मूल्य, यदि कोई हो/Declared value, if any | : NIL |
| (d) कोड संख्या/Code No. | : NIL |
| (e) लॉट नंबर/बैच नंबर और निर्माण की तारीख/
Lot No/Batch No. and Date of Manufacturing | : NIL |
| (f) मात्रा/Quantity | : 1 Mtr x 6 Nos |
| (g) पैकिंग का तरीका/Mode of Packing | : Packed |
| (h) सीलबंद है या नहीं/Sealed or not | : Unsealed |
| (i) प्राप्ति की तिथि/Date of Receipt | : 30/11/2024 |
| (j) परीक्षण किये जाने की तिथि (तारीखें)/
Date (s) of Performance of test | : 03/12/2024 to 06/01/2025 |
| (k) अन्य कोई जानकारी/Any other information | : NIL |

भाग-बी/PART - B

SUPPLEMENTARY INFORMATION

- | | |
|--|-------------------------------------|
| i) Reference to sampling procedure | : Samples are supplied by the Party |
| ii) Supporting documents for the measurement taken and result derived | : As given in Part - C |
| iii) Deviation from the test method as prescribed in relevant work instruction, if any | : NIL |

द्वारा समीक्षित और अधिकृत /Reviewed & Authorized By

पार्थ सारथी दास/Partha Sarathi Das

(तकनीकी अधिकारी/Technical Officer)

जारी/Issued to:

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यूएलआर नंबर/ULR No. :

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07/01/2025

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संदर्भ क्रमांक /Your Ref No: NIL दिनांक/ Date: NIL

भाग सी/Part C

परीक्षा के परिणाम /Test Results

As per IS: 17953:2023

Sr. No	Cl.no	Name of the test	Test Method	Unit	Specified Value	Test Result
1	5.1.1 & 5.1.2	Vicat Softening Temperature	IS 13360 Part 6/Sec1: 2018	°C	Average Shall be ≥ 75 °C and each individual value shall be ≥ 73 °C	78.9
2	5.1.1 & 5.1.2	Flexural Modulus of Elasticity	IS 13360 Part 5/Sec7:2022	N/mm ²	Average shall be ≥ 2200 N/mm ² and each individual value shall be ≥ 2000 N/mm ²	2368.28
3	5.2	Appearance of uPVC Profile	IS 17953:2023	---	a) $L^* \geq 82$ (chromaticity co-ordinate $Y \geq 60$) b) $-2.5 \leq a^* \leq 5$ c) $c) -5 \leq b^* \leq 15$	Test under progress
4	5.3 & 6.2 Table 2	Dimensions	IS 17953:2023			
		Depth(D)		Mm	58 ± 0.3 mm	58.12
		Width (W)		Mm	93 ± 0.5 mm	92.79
		Sight Visible Surface Wall Thickness (Max)		Mm	2mm -10%	2.12
		Sight visible surface flatness (Max)	Mm	0.3	0.12	
		Parallelism (Max)	Mm	0.5	0.21	
5	5.3.4	Straightness	IS 17953:2023	mm	Shall not be more than 1 mm for a length of 1 m for main profiles.	Conforms
6	5.4	Mass of Profile	IS 17953:2023	g/m	Shall not be less than 95% of 1.239	1.21 (Conforms)
7	5.5	Heat Reversion	IS 17953:2023 Annex C	%	≤ 2.0 percent; for each test specimen, the difference of the values of the heat reversion between these sight visible surfaces ≤ 0.4 percent;	-1.03%
8	5.6	Resistance to Impact of Falling Mass	IS 17953:2023 Annex D	---	No more than one test specimen shall show rupture in the tested external sight visible surface.	No failure observed (Conforms)

द्वारा समीक्षित और अधिकृत /Reviewed & Authorized By

पार्थ सारथी दास/Partha Sarathi Das

(तकनीकी अधिकारी/Technical Officer)

जारी/Issued to:

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1238

दिनांक/Date :

07/01/2025

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संदर्भ क्रमांक /Your Ref No: NIL दिनांक/ Date: NIL

भाग सी/Part C						
परीक्षा के परिणाम /Test Results						
Sr. No	Cl.no	Name of the test	Test Method	Unit	Specified Value	Test Result
9	5.7	Heat Ageing	IS 17953:2023 Annex E	--	Shall not show defects such as blisters, cavities, cracks and surface peel offs on any of the surfaces.	No failure observed (Conforms)
10	5.8	Weldability Tensile Bending test a) Welding of Corner Test Specimen b) Welding of T Joint Test Specimen Compression Bending test a) Welding of Corner Test Specimen b) Welding of T Joint Test Specimen	IS 17953:2023 Annex F	N/mm ²	a) Shall not be less than 25 N/mm ² b) Shall not be less than 25 N/mm ² a) Shall not be less than 25 N/mm ² b) Shall not be less than 25 N/mm ²	a) 28.39 b) NA a) 36.35 b) NA
11	5.9	Charpy Impact Resistance of main Profile	IS 13360 Part 5/Sec5: 2017	KJ/m ²	≥65	68.8097
12	5.11	Density	IS 13360 Part3/Sec10: 2021	g/cm ³	Shall be between 1.40 g/cm ³ and 1.50 g/cm ³	1.46
भाग डी/Part D						
टिप्पणी/Remarks: Nil						

नोट/NOT :

- 01 The results are related only to item tested.
- 02 The reports shall not be reproduced in full / part without written approval of the laboratory
- 03 Selection of samples for testing is done with respect to clauses of standard.
- 04 Details of tests subcontracted: NIL
- 05 Statement of Conformity of a specification or standard is provided by laboratory taking into account the level of risk associated/borderline case with the decision rule employed-NA

द्वारा समीक्षित और अधिकृत /Reviewed & Authorized By

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(तकनीकी अधिकारी/Technical Officer)

07/01/25