

सेन्ट्रल इंस्टिट्यूट ऑफ पेट्रोसायन
इंजीनियरिंग एण्ड टेक्नोलॉजी

(रसायन एवं पेट्रोसायन विभाग,
रसायन एवं उर्वरक मंत्रालय, भारत सरकार)
एच.सी.एल. पोस्ट, आई.डी.ए.,
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CENTRAL INSTITUTE OF PETROCHEMICALS
ENGINEERING & TECHNOLOGY

(Department of Chemicals & Petrochemicals,
Ministry of Chemicals & Fertilizers, Govt. of India)
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सिपेट/हैदराबाद/पीटीसी/2024-25 | 07-1158
CIPET/HYD/PTC/2024-25

दिनांक : 05.07.2024
Date : 05.07.2024

सेवा मे

To
M/s. I-Products Marketing,
Sy.no.#55/A, AA, Thurkhala Khanapur (v),
Hathnoora(m), Sangareddy Dist,
Telangana-502 296

विषय :- परीक्षण प्रतिवेदन - संदर्भ मे ।

Sub : Issue of Test Report
Ref : Your Letter No. Nil & Date : Nil.

प्रिय महोदय, / Dear Sir,

उपरोक्त विषय के संदर्भ में, कृपया इस पत्र के साथ परीक्षण प्रतिवेदन सं : 2400412
दि:05.07.2024 प्तथा प्रतिपुष्टी प्राप्त संलग्नीय है। कृपया इसे भरकर हमें वापस लौटा दे ।

With reference to the above cited subject, we are enclosing herewith Test Report No.2400412
dated: 05.07.2024 and Invoice. We are also enclosing herewith feedback form. Kindly fill it and
sent it back to us.

धन्यवाद तथा अच्छी सेवा के आस्तासन के साथ ।

Thanking you and assuring you of our best services.

आपका भवदिय, / Yours faithfully,

AUTHORISED SIGNATORY

संलग्न : यथोक्त / Encl : As above



सेन्ट्रल इंस्टिट्यूट ऑफ पेट्रोकेमिकल इंजीनियरिंग एण्ड टेक्नोलॉजी

(रसायन एवं पेट्रोकेमिकल विभाग, रसायन एवं उर्वरक मंत्रालय, भारत सरकार)

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Plastics Testing Centre

No.:

Test Certificate

0139771

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Date: 05.07.2024

Issued to: M/s. I-Products Marketing,
Sy .no.#55/A, AA, Thurkhala Khanapur (v),
Hathnoora(m), Sangareddy Dist,
Telangana-502-296

Ref : Your Letter No. Nil & Date: Nil.

TEST REPORT AS PER :- ASTM D/IS

REPORT NO: 2400412

PART A : PARTICULARS OF SAMPLE SUBMITTED

- a) Name of the Sample : UPVC Profile as stated by party
- b) Grade/Variety/Type/Size/Class : Brand Name: INNOVATIVE
- c) Declared values, if any : Nil
- d) Code No. : Nil
- e) Batch No. and Date of Manufacture : Nil
- f) Quantity : 1 Mtr x 06 Nos 1 Corner Piece
- g) Mode of Packing : PE Cover
- h) Seal : Nil
- i) Any other information : Samples received on 19.06.2024
- j) Date of Initiation of testing : 19.06.2024
- k) Date of Completion of testing : 04.07.2024

PART B : SUPPLEMENTARY INFORMATION

- a) Reference to sampling Procedure : Nil
- b) Supporting documents for the measurement taken and result derived : Nil
- c) Deviation from the test method as prescribed in relevant work instructions, if any : Nil

Test Certificate

No. 0139771

Continuation Sheet

REPORT No. 2400412

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PART - C

TEST RESULTS

S. No.	TEST	TEST METHOD	RESULT OBTAINED	UNIT
1.	Thickness	ISO 12608/ IS 17953:2023	2.60	mm
2.	Dimensions A. Length B. Width	ISO 12608/ IS 17953:2023	86.0 42.0	mm mm
3.	Mass of Profile	ISO 12608/ IS 17953:2023	1.33	kg
4.	Heat Reversion (@100°C/ 1 hr)	ISO 12608/ IS 17953:2023 Cl.5.5	1.37	%
5.	Heat Ageing (@150°C/30 min)	ISO 478/ IS 17953:2023 Annex -E	No Cracks or Bubbles Observed	-
6.	Resistance to Impact by falling mass (1000mm height/1000±5g mass/ Conditioned @-10+0/-2°C)°C	ISO 477/ IS 17953:2023 Cl.5.5 Annex-D	(0/10) 0% No Failure Observed CONFIRMED	%
7.	Charpy Impact Strength (Notched)	ISO 179-2	218.5	J/m
8.	Welding Strength of Corners & T Joints (Weldability)	ISO 514/ IS 17953:2023 Annex-F	No Sign of fracture Observed	-
9.	Flexural Modulus of Elasticity	ISO 178/ IS 17953:2023 Annex-B	2560	MPa
10.	Vi cat Softening Temperature (VST) (@5kg load)	ISO 306/ IS 17953:2023 Annex-B	82.3	°C
11.	Tensile Impact Strength	BS EN ISO 8256/IS 17953-2023 Annex-B	692	KJ/m ²
12.	Tensile Strength	ISO 527	33	Mpa
13.	Hardness (Shore D)	ISO 53505	83	D
14.	Bulk Density	ASTM D 792	1.65	g/cc
15.	Colour	ISO 7724-3/CIPET Method	White	-
16.	Gloss (Appearance)	CIPET Method	Glossy Finish	-
17.	Filler Content	ISO 3451-1-2019/Method A	29.0	%
18.	Izod Impact Strength (Notched)	ISO 180	135.4	J/m

- NOTE: 1. This Test Report/Certificate is issued only for the samples submitted to CIPET
2. The results stated above related only to the items tested
3. The report shall not be reproduced in full/part without written approval of the laboratory.
4. The quality of the subsequent production lot has to be ensured by the purchaser
5. Any enquiry/discrepancy in this report should be brought to the notice of CIPET within 30 days from the date of issue.

Ch. Venkatesh
Sr. Technical Asst. (SG)
AUTHORISED SIGNATORY

Dr. V. Kiran Kumar
Chief Manager (T)
AUTHORISED SIGNATORY