



Plastics Testing Centre

No.: **0140748**

Test Certificate

Page 1 of 2

Date: 11.12.2024

Issued to: M/s. Ravi raja Industries Pvt.Ltd
Plot No.488, TIF MSME Green Park,
Dandumalkapuram Vill-508 252

Ref : Your Letter No. Nil, Dtd. Nil

TEST REPORT AS PER :- ASTM D/IS

PART A : PARTICULARS OF SAMPLE SUBMITTED

REPORT NO: 2400964

- a) Name of the Sample : UPVC Profile as stated by party
- b) Grade/Variety/Type/Size/Class : Nil
- c) Declared values, if any : Brand – S CRAFT
- d) Code No. : Nil
- e) Batch No. and Date of Manufacture : Nil
- f) Quantity : 2.5 Track 1 mtr x 3 nos. & “L” Joint section – 3 nos.
- g) Mode of Packing : Nil
- h) Seal : Nil
- i) Any other information : Samples received on 18.11.2024
- j) Date of Initiation of testing : 18.11.2024
- k) Date of Completion of testing : 06.12.2024

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
- d) Statement of conformity as per the test result obtained : As per Part-C
- e) Decision Rule applicable or not : Nil

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सेन्ट्रल इंस्टिट्यूट ऑफ पेट्रोसायन इंजीनियरिंग एण्ड टेक्नोलॉजी

चेरलापल्ली, हैदराबाद-५०० ०५१.

CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY

Cherlapally, Hyderabad - 500 051.



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Test Certificate

No.: 0140748

Continuation Sheet

REPORT No. 2400964
PART - C

Page 2 of 2

TEST RESULTS

S. No.	TEST	TEST METHOD	RESULT OBTAINED	UNIT
1.	Tensile Strength	ASTM D 638	50.42	Mpa
2.	Welding Strength of corners & T-Joints	IS 7953-2023 Annex-F	No Sign of fracture Observed	-
3.	Dimensions	IS 17953-2023 /ISO12608		
	a) Length		1000	mm
	b) Width		92.30	mm
	C) Weight		50	mm
4.	Sulphated Ash Content	IS 12235(pt-17) Method A	18.62	%
5.	Titanium Dioxide Content (TiO ₂)	IS 14735-99 Annex-A	8.72	%

PART D: REMARKS : Nil

- NB: 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 anomaly/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

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(रसायन एवं पेट्रोसायन विभाग, रसायन एवं उर्वरक मंत्रालय, भारत सरकार)
एच.सी.एल. पोस्ट, आई.डी.ए., फेस - २, चेरलापल्ली, हैदराबाद-५०० ०५१.

CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY

(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

H.C.L. Post, IDA - Phase - II, Cherlapally, Hyderabad - 500 051.

Phone : 040-27263750, 27263615, Fax : 91-40-27264051

E-mail : testing-hyderabad@cipet.gov.in / hyderabad@cipet.gov.in Web : www.cipet.gov.in



Plastics Testing Centre

No. 0140749

Test Certificate

Page 1 of 2

Date: 11.12.2024

Issued to: M/s. M/s. Ravi raja Industries Pvt. Ltd
Plot No.488, TIF MSME Green Park,
Dandumalkapuram Vill-508 252

Ref : Your Letter No. Nil, Dtd. Nil

TEST REPORT AS PER :- ASTM D/IS

PART A : PARTICULARS OF SAMPLE SUBMITTED

REPORT NO: 2400943

- a) Name of the Sample : UPVC Profile as stated by party
- b) Grade/Variety/Type/Size/Class : Nil
- c) Declared values, if any : Brand – S craft
- d) Code No. : Nil
- e) Batch No. and Date of Manufacture : Nil
- f) Quantity : 2.5 (92 m) – 1 mtr x 06 No's
- g) Mode of Packing : Nil
- h) Seal : Nil
- i) Any other information : Samples received on 08.11.2024
- j) Date of Initiation of testing : 18.11.2024

k) Date of Completion of testing : 06.12.2024

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
- d) Statement of conformity as per the test result obtained : As per Part-C
- e) Decision Rule applicable or not : Nil



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चेरलापल्ली, हैदराबाद-५०० ०५१.
CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY
Cherlapally, Hyderabad - 500 051.



Test Certificate

No.: **0140749**

REPORT No. 2400943

Continuation Sheet

Page 2 of 2

PART - C

TEST RESULTS

S. No.	TEST	TEST METHOD	RESULT OBTAINED	UNIT
1.	Density	IS 17953:2023/Cl.5.11	1.44	g/cc
2.	Colour	IS 17953:2023/ CIPET Method	White	-
3.	Resistance to Impact by falling mass (1000±5g mass/ dropped from 1000mm height/Conditioned @-10+0/-2 °C)	IIS 17953:2023 Cl.5.5 Annex-D	(0/10) 0% No Cracks/Rupture observed	-
4.	Heat Reversion (at 100°C/ 1hours)	IS 17953:2023 Cl. 5.5	1.10	%
5.	Izod Impact Strength (Notched)	ASTM D256/ISO 179-2	418	J/m
6.	Flexural Strength	IS 17953-2023 Annex-B	66.25	MPa
7.	Vi cat Softening Temperature (VST) (@5kg load)	IS 17953:2023 Annex-B	82.1	°C
8.	Fire Resistance	UL-94	V-0 Self-Extinguishing	-
9.	Thermal Stability (@150°C/30 min)	IS 5831-1984	No Cracks, Bubbles Observed	-
10.	Filler Content	ASTM E 1131	15.80	%
11.	Resistance to Sulphuric Acid (gms) (at 55±2°C for 14 days)	IS 12235 (PT-7)	0.15	gms
12.	Resistance to Artificial Weathering @100 hrs	IS 17953:2023	There is no colour change and be free of any surface & structural changes observed	confirmed
13.	Flexural Modulus Of Elasticity	IS 17953-2023 Annex-B	5963	Mpa
14.	Tensile Impact Strength	IS 17953-2023 Annex-B/BS EN ISO 8256	685	KJ/m ²
15.	Behavior after heat Ageing at 150°C/30 min	IS 17953-2023 Annex-E	No cracks/bubbles observed and surface irregularities (or) deamination observes	-
16.	Elongation at Break	ASTMD 638/OSO 527	161	%
17.	Water Absorption @ 24hrs	ASTM D 570	0.06	%
18.	Shore D Hardness	STM D 2240	84	D

PART D: REMARKS : Nil

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Sr. Technical Asst. (SG)
AUTHORISED SIGNATORY

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

इंस्टिट्यूट ऑफ पेट्रोसायन
टेक्नोलॉजी
सायन एवं पेट्रोसायन विभाग,
सायन एवं उर्वरक मंत्रालय, भारत सरकार)
च.सी.एल. पोस्ट, आई.डी.ए.,
प्लॉट - २, चेरलापल्ली, हैदराबाद-५०० ०५१.
हूरभाष : 040-27263750, 27263615
फ़ैक्स : 91-40-27264051
ई-मेल : testing-hyderabad@cipet.gov.in
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वेबसाइट : www.cipet.gov.in



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ENGINEERING & TECHNOLOGY
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Web : www.cipet.gov.in

सिपेट / हैदराबाद / पीटीसी / 2024-25 / 112-96
CIPET/HYD/PTC/2024-25

दिनांक : 11.12.2024
Date : 11.2.2024

सेवा में

To

M/s. Ravi raja Industries Pvt.Ltd
Plot No.488, TIF MSME Green Park,
Dandumalkapuram Vill-508 252

विषय :- परीक्षण प्रतिवेदन - संदर्भ में ।

Sub : Issue of Test Report

Ref : Your Letter No. Nil,Dt.Nil

प्रिय महोदय, / Dear Sir,

उपरोक्त विषय के संदर्भ में, कृपया इस पत्र के साथ परीक्षण प्रतिवेदन सं : 2400964 दि:11.12.2024
एतथा प्रतिपुष्टी प्राप्त संलग्नीय हैं । कृपया इसे भरकर हमें वापस लौटा दें ।

With reference to the above cited subject, we are enclosing herewith Test Report No.2400964 dated:
11.12.2024 and Invoice. We are also enclosing herewith feedback form. Kindly fill it and sent it back
to us.

धन्यवाद तथा अच्छी सेवा के आश्वासन के साथ ।

Thanking you and assuring you of our best services.

आपका भवदिय, / Yours faithfully,

AUTHORISED SIGNATORY

संलग्न : यथोक्त / Encl : As above

इस्टिट्यूट ऑफ पेट्रोसायन
एयरिंग एण्ड टेक्नोलॉजी

यन एवं पेट्रोसायन विभाग,
यन एवं उर्वरक मंत्रालय, भारत सरकार)
।सी.एल. पोस्ट, आई.डी.ए.,
प - २, चेरलापल्ली, हैदराबाद-५०० ०५१.
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सिपेट / हैदराबाद / पीटीसी / 2024-25 / 12-97
CIPET/HYD/PTC/2024-25

दिनांक : 11.12.2024

Date : 11.12.2024

सेवा में

To

M/s. Ravi raja Industries Pvt. Ltd
Plot No.488, TIF MSME Green Park,
Dandumalkapuram Vill-508 252

विषय :- परीक्षण प्रतिवेदन - संदर्भ में ।

Sub : Issue of Test Report

Ref : Your Letter No. Nil, Dt. Nil

प्रिय महोदय, / Dear Sir,

उपरोक्त विषय के संदर्भ में, कृपया इस पत्र के साथ परीक्षण प्रतिवेदन सं : 2400943 दि:11.12.2024
तथा प्रतिपुष्टी प्राप्त संलग्नीय हैं । कृपया इसे भरकर हमें वापस लौटा दें ।

With reference to the above cited subject, we are enclosing herewith Test Report No.2400943 dated:
11.12.2024 and Invoice. We are also enclosing herewith feedback form. Kindly fill it and sent it back
to us.

धन्यवाद तथा अच्छी सेवा के आभार के साथ ।

Thanking you and assuring you of our best services.

आपका भवदिय, / Yours faithfully,

AUTHORISED SIGNATORY

संलग्न : यथोक्त / Encl : As above