

केंद्रीय पेट्रोसायन अभियांत्रिकी एवं
प्रौद्योगिकी संस्थान (सिपेट: आई.पी.टी.)

(पूर्व में केंद्रीय प्लास्टिक इंजीनियरिंग एवं तकनीकी संस्थान)

रसायन एवं पेट्रोसायन विभाग,

रसायन एवं उर्वरक मंत्रालय, भारत सरकार

बी-२७, अमौसी इण्डस्ट्रियल एरिया, लखनऊ-२२६ ००८

फोन : ७६०७९९४०९४, ८७५६९९२८८२

E-mail : testing-lucknow@cipet.gov.in, lucknow@cipet.gov.in

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सिपेट CIPET



Central Institute of Petrochemicals
Engineering & Technology (CIPET: IPT)

(Formerly Central Institute of Plastics Engineering & Technology)

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Series : H

PLASTIC TESTING CENTRE
TEST CERTIFICATE



S.No. 1041

ULR-TC14031000000061F

Date: 08.10.2024

Issued to: M/s Shani Corporation Ltd.
D-42, E-42/43/ Gopalpur Industrial Area,
Sikandrabad,
Bulandshahr, U.P.- 203 205



Your Ref.No. & Date : SCL/CIPET/24-25/01

dated : 31.07.2024

TEST REPORT AS PER RELEVANT IS/ASTM STANDARD FOLLOWED

TEST REPORT NO: 0863

Page 1 of 2

PART - A :- PARTICULARS OF SAMPLE SUBMITTED

a)	Name of the sample	:	SCL CORA UPVC Profiles as stated by the party
b)	Grade / Variety / type / size / class	:	--
c)	Declared value, if any &	:	--
d)	Code No.	:	--
e)	Batch No. & Date of Manufacture	:	--
f)	Quantity	:	1 mtr. X 4 Nos.
g)	Mode of Packing	:	Packed in polyethylene film
h)	Sealed or not	:	Not sealed
i)	Date of receipt of sample	:	01.08.2024
j)	Date of starting of the testing	:	07.08.2024
k)	Date of completion of testing	:	08.10.2024
l)	Any other information	:	Payment received on 03.08.2024

PART - B :- SUPPLEMENTARY INFORMATIONS

a)	Reference to sampling procedure	:	Not Applicable.
b)	Supporting document for the measurement taken & result derived	:	Not Applicable.
c)	Deviation from the test method as prescribed: in relevant work instructions, if any	:	Not Applicable.

Anand

G

सिपेट : आईपीटी, लखनऊ

Continuation Sheet



CIPET : IPT, LUCKNOW

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PART – C: TEST RESULTS AS PER RELEVANT IS/ASTM STANDARD FOLLOWED

Page 2 of 2

S. No.	Name of the Test	Test Method	Unit	Test Value Obtained
1.	Density	ASTM D 792	g/cc	1.46
2.	Tensile Strength	ASTM D 638	MPa	43.6
	Elongation at yield		%	7.5
3.	Tensile Modulus	ASTM D 638	MPa	1496
4.	Flexural Strength	ASTM D 790	MPa	62.9
5.	Flexural Modulus	ASTM D 790	MPa	2713
6.	Hardness Test (Shore-D)	ASTM D 2240	--	79
7.	Water Absorption	ASTM D 570	%	0.05
8.	Heat Reversion	IS 12235 (Pt.-5)	%	4.2
9.	VST	ASTM D 1525	°C	79
10.	HDT at 1.82 MPa	ASTM D 648	°C	72.6
11.	Sulphated Ash Content	IS 4985	%	10.9
12.	Flammability	ASTM D 635	mm/min.	V ₀ (Self Extinguishing)

PART – D : REMARKS - NIL

AUTHORIZED SIGNATORY
Dr. Sonalee Das
Technical Manager

AUTHORIZED SIGNATORY
Vivek Kumar
Quality Manager

NOTE :

- This Test Report/ Certificate is issued only for the samples submitted to CIPET.
- The results stated above related only to the items tested.
- The quality of the subsequent production lot has to be ensured by the purchaser.
- The test certificate shall not be reproduced in full except without the written approval of the laboratory.
- Statement of conformity of a specification or standard is provided by laboratory taking into account the level of risk associated/borderline cases with the decision rule employed.

—End of the test report—