

**सिपेट : पेट्रोकेमिकल्स तकनीकी
संस्थान (आई.पी.टी.)**

(पूर्व में केंद्रीय प्लास्टिक्स इंजीनियरिंग एवं तकनीकी संस्थान)

रसायन एवं पेट्रो-रसायन विभाग

रसायन एवं उर्वरक मंत्रालय, भारत सरकार

प्लॉट : नं 630 फेज-4, जी.आई.डी.सी., वटवा, अहमदाबाद-382445.

दूरभाष : (079) 40103900-902 फैक्स : (079)-40083905

ईमेल : cipetahmd@gmail.com, ahmedabad@cipet.gov.in

वेबसाईट : www.cipet.gov.in

मुख्यालय : सिपेट, गिण्डी, चेन्नै - 600 032



सिपेट CIPET



**CIPET : INSTITUTE OF PETROCHEMICALS
TECHNOLOGY (IPT)**

(Formerly Central Institute of Plastics Engineering & Technology)

Department of Chemicals & Petrochemicals

Ministry of Chemicals & Fertilizers, Govt. of India

Plot No. 630, Phase-IV, G.I.D.C., Vatva, Ahmedabad-382445

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प्लास्टिक परीक्षण केंद्र / PLASTIC TESTING CENTRE

18477

श्रृंखला:बी / Series :B

परीक्षण रिपोर्ट / TEST REPORT

क्र.सं / S.L. No.

को जारी / Issued to **Sovisy India Private Limited.**

11-15 D.K. Industrial Estate-2,

Chhatral - 382 729,

Tal : Kalol,

Dist : Gandhinagar (N.G.)

रिपोर्ट सं / Test Report No :

3300

दिनांक / Dated :

30.10.2023

संदर्भ / Your Ref. No. :

दिनांक / Dated :

Letter
22.09.2023

मानक के अनुसार टेस्ट रिपोर्ट

As per part C

Test Report as per Standard :

ULR No : TC816423000003570P

PART A

PARTICULARS OF SAMPLE SUBMITTED

a) Name of Sample (as stated by the party)	: GRP Panels
b) Grade / variety / type / size / class	: NA
c) Declared value, if any	: NA
d) Code No.	: NA
e) Batch No. and Date of Manufacture	: NA
f) Quantity	: 02 Nos
g) Mode of Packing	: Packed in PE Bag
h) Date of Receipt	: 25.09.2023
i) Date of Starting	: 17.10.2023
j) Date of Completion	: 18.10.2023
k) Sealed or not	: NA
l) Any other information	: NA

PART B

SUPPLEMENTARY INFORMATION

a) Reference to sampling procedure	: Samples Supplied by the Party
b) Supporting documents for the measurement taken and result derived	: As per Part C
c) Deviation from the test method as prescribed in relevant work Instructions, if any	: Not Applicable

1 of 2

**सिपेट : पेट्रोकेमिकल्स तकनीकी
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प्लास्टिक परीक्षण केंद्र / PLASTIC TESTING CENTRE

GRP Panels

Test Report No. **3300**

Dated: 30.10.2023

**PART C
TEST RESULTS**

Test Method : IS 14399 (P-1 & P-2) : 1996

Sr. No.	Clause No.	Test	Test Method	Unit	Results Obtained	Specified Requirements
1	5	Colour	IS 14399 (P-1 & P-2)	---	Cream (Ivory)	---
2	6	Dimension & Type Thickness of panel		Meter mm Type B	1m x 1m 4.48 mm	LxWxH Thickness Type B
3	7	Visual Appearance	IS 14399 (P-1 & P-2)	---	Good in Condition (Conform)	The internal and external surfaces of the panels when visually inspected shall be free from the defects
4	8.2	Tensile Strength	IS 14399 (P-1 & P-2)	MPa	83.34	70 Min.
5		Cross Breaking Strength		MPa	148.05	100 Min.
6		Elastic Modulus in bend		MPa	12412.73	6000 Min.
7		Glass Content		%	33.06	30 % Min.
8		Barcol Hardness		BHU	53	50 Min.
9		Water Absorption		%	0.04	0.5 % Max.

Note : i) Statement of Conformity & Decision Rule (if any) : NA

ii) Opinion & Interpretation : NA

PART D

REMARKS :

The sample were tested in the presence of Shri. Nagaram Scientific Officer – F
CED-BARC, Shri Rahul Saxena QC in Charge Sovisy India Pvt. Ltd.,
Shri Prashant Shah Project Manager ANS Construction Pvt. Ltd., Shri Prakash
Prajapati Director, Sovisy India Pvt. Ltd. On dated 17.10.2023

NOTE

- 1 The results related only to the items tested
- 2 The report shall not be reproduced in full part without written approval of the laboratory
- 3 This Test Report/Certificate is issued only for the samples submitted to CIPET.
- 4 The results stated above related only to the items tested.
- 5 The quality of the subsequent production lot has to be ensured by the purchaser.


Authorised Signatory

किर्ती डी. त्रिवेदी / Kirti D. Trivedi
तक. अधिकारी / Technical Officer


Authorised Signatory

भरथ के. एल. / BHARATH K. L.
सहा. तक. अधिकारी / Asst. Technical Officer

सिपेट : पेट्रोकेमिकल्स तकनीकी
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श्रृंखला:बी / Series : C

परीक्षण रिपोर्ट / TEST REPORT

क्र.सं / S.L. No.

22125

को जारी / Issued to **Sovisy India Private Limited.**
11-15 D.K. Estate-2,
Ambavpura Road, GIDC Phase-III,
Chhatral, Dist : Gandhinagar- 382 729,
Gujarat

रिपोर्ट सं / Test Report No : **403**

दिनांक / Dated : **05.06.2024**

संदर्भ / Your Ref. No. :

दिनांक / Dated : **Letter
18.04.2024**

मानक के अनुसार टेस्ट रिपोर्ट

Test Report as per Standard :

As per part C

PART A

PARTICULARS OF SAMPLE SUBMITTED

- | | | |
|--|---|---|
| a) Name of Sample (as stated by the party) | : | GRP Sheets cut from GRP Panel Being used in section water storage tank and manufactured |
| b) Grade / variety / type / size / class | : | NA |
| c) Declared value, if any | : | NA |
| d) Code No. | : | NA |
| e) Batch No. and Date of Manufacture | : | NA |
| f) Quantity | : | 04 Nos |
| g) Mode of Packing | : | Packed in PE Bag |
| h) Date of Receipt | : | 22.04.2024 |
| i) Date of Starting | : | 30.05.2024 |
| j) Date of Completion | : | 05.06.2024 |
| k) Sealed or not | : | NA |
| l) Any other information | : | NA |

PART B

SUPPLEMENTARY INFORMATION

- | | | |
|---|---|-------------------------------|
| a) Reference to sampling procedure | : | Samples Supplied by the Party |
| b) Supporting documents for the measurement taken and result derived | : | As per Part C |
| c) Deviation from the test method as prescribed in relevant work Instructions, if any | : | Not Applicable |

1 of 2

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प्लास्टिक परीक्षण केंद्र / PLASTIC TESTING CENTRE

GRP Sheets cut from GRP Panel Being used in section
water storage tank and manufactured

Test Report No. **403**

Dated: 05.06.2024

PART C
TEST RESULTS

Sr. No.	Test	Test Method	Unit	Results Obtained
1	Specific Gravity	IS 14399 P-1	---	1.89
2	Young's Modulus		MPa	5222.89
3	Impact Strength (Notched) (25 Joule)	ASTM D 256	KJ/m ²	52.6
4	Compressive Strength	ASTM D 695	MPa	145
5	Shear Strength	ASTM D 732	MPa	808.5
6	Light Transmission	ASTM D 1003	%	0.00
7	Opacity	IS 12235 (P-3)	%	0.00

Note : i) Statement of Conformity & Decision Rule (if any) : NA

ii) Opinion & Interpretation : NA

PART D

REMARKS : Nil

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Authorised Signatory

अध्यक्ष / CHAIRMAN K. L.

मुख्य परीक्षण अधिकारी / Principal Testing Officer

Authorised Signatory

2 of 2

किर्ती डी. त्रिवेदी / Kirti D. Trivedi

मुख्य परीक्षण अधिकारी / Technical Officer