

केन्द्रीय पेट्रोसायन अभियांत्रिकी एवं  
प्रौद्योगिकी संस्थान

(पूर्व में सेन्ट्रल इंस्टीट्यूट ऑफ़ प्लास्टिक्स इंजीनियरिंग एण्ड टेक्नोलॉजी)  
सिपेट: इंस्टीट्यूट ऑफ़ पेट्रोकेमिकल्स टेक्नोलॉजी  
रसायन एवं पेट्रोसायन विभाग,  
रसायन एवं उर्वरक मंत्रालय, भारत सरकार  
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CENTRAL INSTITUTE OF PETROCHEMICALS  
ENGINEERING & TECHNOLOGY

(Formerly Central Institute of Plastics Engineering & Technology)  
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Series : A

PLASTICS TESTING CENTRE

क्र. No. 0488

Issued to :

M/s SHEETSOL PVT LIMITED  
Plot No.237/38,Opp.O.Mini Mall,  
Gondwara, Raipur (C.G.) - 492004

Test Report No. - 333 Date: 28.09.2022  
W.O. No. - 2209348  
Your Ref. No. - Nil, Date: Nil

TEST REPORTS

PART - A

PARTICULARS OF SAMPLE SUBMITTED

a) Name of Sample	:	Sheetsol UFC
b) Grade/ Variety/Type/Class/Size etc.	:	Encapsulant – Polymeric Material & SS-UFC-T100-EVA
c) Brand Name, if any	:	Nil
d) Declared values, if any	:	Nil
e) Code No.	:	Nil
f) Batch No. & Date of Manufacture	:	Nil
g) Quantity	:	01 mtr sheet & 05 Nos. each bonding sample of Glass & TPT Film
h) Mode of Packing	:	Open
i) Date of Sample Received	:	12.09.2022
j) BIS Seal	:	Nil
k) IO's Signature	:	Nil
l) Test Duration	:	12.09.2022 to 24.09.2022
m) Statements of Conformity	:	Nil
n) Opinions & Interpretations	:	Nil
o) Any other Information	:	Nil

PART - B

SUPPLEMENTARY INFORMATIONS

i) Reference to sampling procedure wherever applicable	:	Supplied by the party
ii) Supporting documents for the measurements taken and Results derived like graphs, tables, sketches and/or photographs as appropriate to test report, if any (to be attached).	:	As given in Part-C
iii) Deviation from the test methods as prescribed in Relevant work instruction, if any	:	Nil

*Ambika*

Ambika Joshi (S.T.O.)

अधिकृत हस्ताक्षर / Authorised Signatory

*Dr. Sushanta*

Dr. Sushanta Kumar Samal (S.T.O.)

अधिकृत हस्ताक्षर / Authorised Signatory



Test Report No. 333

Date: 28.09.2022

**PART -C**  
**TEST RESULTS**

Sample Details: Sheetsol UFC

Sr. No.	Clause	Name of the test	Unit	Test Method	Specified Requirement	Test value obtained
01	--	Thickness	mm	-	--	0.55
02	--	Density	gm/cm <sup>3</sup>	ASTM D 792	--	0.96
03	--	Tensile Strength	Mpa	ASTM D 638	--	5.94
04	--	Elongation at Break	%	ASTM D 638	--	652
05	--	Peel Strength (Glass/film)	N/cm	ASTM D 903	--	157
06	--	Peel Strength (TPT/Film)	N/cm	ASTM D 903	--	78
07	--	Water Absorption	%	ASTM D 570	--	0.02

**PART-D**

Remarks: Nil

**Note:**

1. The Result stated above related only to the items tested.
2. This Test Report shall not be reproduced except in full without the written approval of the Laboratory
3. Remnant samples will be disposed after 3 months from the date of issue of test report.
4. This report in full or part shall not be published, advertised, used for any legal action, unless prior permission has been secured.
5. Details of sub-contracted (if any): Nil

Ambika Joshi (S.T.O.)

अधिकृत हस्ताक्षर / Authorised Signatory

Dr. Sushanta Kumar Samal (S.T.O.)

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