

**सेन्ट्रल इंस्टिट्यूट ऑफ पेट्रोसायन
टेक्नोलॉजी**

यन एवं पेट्रोसायन विभाग,
एन एवं उर्वरक मंत्रालय, भारत सरकार)
सी.एल. पोस्ट, आई.डी.ए.,
- २, चेरलापल्ली, हैदराबाद - ५०० ०५१.
फ़ोन : ०४०-२७२६३७५०, २७२६३६१५
फैक्स : ९१-४०-२७२६४०५१
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**CENTRAL INSTITUTE OF PETROCHEMICALS
ENGINEERING & TECHNOLOGY**

(Department of Chemicals & Petrochemicals,
Ministry of Chemicals & Fertilizers, Govt. of India)
H.C.L. Post, IDA - Phase - II,
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सिपेट / हैदराबाद / पीटीसी / २०२१-२२

CIPET/HYD/PTC/2021-22

दिनांक: २६.०७.२०२१

Date: 26.07.2021

सेवा में,
To

M/s. Gealan Private Limited.,
1-18/HIE/NR, 1st Floor.,
Holiday inn Express Building, Road No.2
Financial Dist. Gachibowli
Hyderabad, Telangana- 500 032

विशय :- परीक्षण प्रतिवेदन - संदर्भ में ।

Sub : Issue of test report
Ref: Your Letter No. WO/2021-22/001, dtd.10.06.2021

प्रिय महोदय, / Dear Sir,

उपरोक्त विषय के संदर्भ में, कृपया इस पत्र के साथ परीक्षण प्रतिवेदन सं : 210403
दि: 26.07.2021 तथा प्रतिपुष्टी प्राप्त संलग्नीय हैं । कृपया इसे भरकर हमें वापस
लौटा दें ।

With reference to the above cited subject, we are enclosing herewith Revised Test Report
No.2104034 dated: 26.07.2021 and Invoice. We are also enclosing herewith feedback form.
Kindly fill it and send 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



सेन्ट्रल इंस्टिट्यूट ऑफ पेट्रोसायन इंजीनियरिंग एण्ड टेक्नोलॉजी

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

एच.सी.एल. पोस्ट, आई.डी.ए., फेस - २, चेरलापल्ली, हैदराबाद - ५०० ०५९.

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Plastics Testing Centre



0131995

Test Certificate

Page 1 of 2

Date: 26.07.2021

Issued to: M/s. Gealan Private Limited.,
1-18/HIE/NR, 1st Floor.,
Holiday inn Express Building, Road No.2
Financial Dist. Gachibowli
Hyderabad, Telangana- 500 032

Ref: Your Letter No.WO/2021-22/001, dtd.10.06.2021

TEST REPORT AS PER:- ASTM D/ASTM E/ISO
PART A: PARTICULARS OF SAMPLE SUBMITTED

REPORT NO :2104034

- a) Name of the Sample : UPVC Profile as stated by party
- b) Grade/Variety/Type/Size/Class : Nil
- c) Declared values, if any : Nil
- d) Code No. : Nil
- e) Batch No. and Date of Manufacture : Nil
- f) Quantity : 01 meter x 06 Nos.
- g) Mode of Packing : Loose
- h) Seal : Nil
- i) Any other information : Samples received on 23.04.2021
- j) Date of initiation of testing : 23.04.2021
- k) Date of completion of testing : 21.06.2021

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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Test Certificate

Continuation Sheet

REPORT No. 2104034

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PART - C

TEST RESULTS

S. No.	Test	Test Method	Result Obtained	Unit
1.	Vicat Softening Point (VST) @ 50N Load	EN 306/ ASTMD 1525	86.0	°C
2.	Flexural Modulus of Elasticity	ASTMD 790/EN178	4362.5	MPa
3.	Heat Stability	ASTMD 1204	No Dimensional Change observed Confirmed	-
4.	a) Colour Fastness after weathering test (visual assessment) b) Colorimetric Assessment	EN 513	Test Under Progress	-
5.	Behaviour after Heating at 150 °C (30minutes)	EN 478	No Cracks/Bubbles Observed	-
6.	Tensile Impact Strength	EN 8256	675.0	kJ/m2
7.	Resistance to Impact by falling mass (1 m height/1 kg load) @ -10 °C for 1 hr	EN 477/EN 12608- 2003	(0/10)0% No Failure Observed Confirmed	-
8.	Density	ASTMD 792	1.50	g/cc
9.	Fire Resistance	UL-94	V-0 (Self Extinguishers, Flame put off within 2seconds)	-
10.	Heat Reversion (1hr @ 100 °C)	EN 479	1.8	%
11.	Limiting Oxygen Index (%)	ASTMD 2863	49.0	%
12.	Thermal Conductivity	ASTME 1530	0.050	W/mk
13.	Tensile Strength	ISO 527/ASTMD 638	47.5	Mpa
14.	Elongation at break		7.4	%
15.	Hardness (Shore-D)	EN 53505/ ASTMD 2240	84.0	D
16.	Water Absorption	ASTMD 570	0.01	%
17.	Izod Impact Strength (Notched)	EN 180/ASTMD 256	25.1	kJ/m2

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

AUTHORISED SIGNATORY