

**सेन्ट्रल इनस्टीट्यूट ऑफ प्लास्टिक्स
इन्जीनियरिंग एण्ड टेक्नाॅलाजी**

(रसायन एवं पेट्रोसायन विभाग
रसायन एवं उर्वरक मंत्रालय, भारत सरकार)
एच.सी.एल. पोस्ट, आई.डी.ए.,
फेस - २, चेरलापल्ली, हैदराबाद - ५०० ०५१.
दूरभाष : 040-27263750, 27263615,
फिक्स : 91-40-27264051
ई-मेल : hyderabad@cipet.gov.in
वेबसाइट : www.cipet.gov.in



**CENTRAL INSTITUTE OF PLASTICS
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 : hyderabad@cipet.gov.in
Web : www.cipet.gov.in

सिपेट / हैदराबाद / पीटीसी / 2020-21
CIPET/HYD/PTC/2020-21

दिनांक: 08.10.2020
Date: 08.10.2020

सेवा मे,
To

M/s. Dhenu Industries LLP.,
Sy.No.98, Tulekalan Village,
Ibrahimpatnam Mandal,
R.R Dist.

विशय :- परीक्षण प्रतिवेदन - संदर्भ मे ।

Sub : Issue of test report
Ref: Your Letter No. Nil dtd.14.07.2020

प्रिय महोदय, / Dear Sir,

उपरोक्त विशय के संदर्भ मे, कृपया इस पत्र के साथ परीक्षण प्रतिवेदन सं :
2002391/1 (S) to 2002391/2(S) दि:08.10.2020 प्तथा प्रतिपुष्टी प्राप्त संलग्नीय हैं ।
कृपया इसे भरकर हमें वापस लौटा दे ।

With reference to the above cited subject, we are enclosing herewith Supplementary Test Report
No.2002391/1 to 2002391/2 dated: 08.10.2020 and Invoice. We are also enclosing herewith
feedback form. Kindly fill it and sent it back to us.

धन्यवाद तथा अच्छी सेवा के आश्तासन के साथ ।

Thanking you and assuring you of our best services.

आपका भवदिय, / Yours faithfully,


X AUTHORISED SIGNATORY

संलग्न : यथोक्त / Encl : As above

सेन्ट्रल इनस्टीट्यूट ऑफ प्लास्टिक्स इंजीनियरिंग एण्ड टेक्नॉलाजी

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

CENTRAL INSTITUTE OF PLASTICS ENGINEERING & TECHNOLOGY

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

HCL Post, IDA - Phase - II, Cherlapally, Hyderabad - 500 051.

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

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

Plastics Testing Centre



No.: 0130297

Test Certificate

Page 1 of 2

Issued to: M/s. Dhenu Industries LLP.,
Sy.No.98, Tulekalan Village,
Ibrahimpattanam Mandal,
R.R Dist.

Date: 08.10.2020

Ref: Your Letter No. Nil dtd.14.07.2020

TEST REPORT AS PER:- ASTM D/ASTM E/ISO

SUPPLE REPORT NO : 2002391/2

PART A: PARTICULARS OF SAMPLE SUBMITTED

- a) Name of the Sample : UPVC Profile as stated by party
- b) Grade/Variety/Type/Size/Class : Nil
- c) Declared values, if any : Brand Name: DIMEX
- d) Code No. : Nil
- e) Batch No. and Date of Manufacture : Nil
- f) Quantity : 01 meter x 05 Nos.
- g) Mode of Packing : Loose
- h) Seal : Nil
- i) Any other information : Samples received on 17.07.2020
- j) Date of initiation of testing : 17.07.2020
- k) Date of completion of testing : 08.10.2020

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

Sahy

Test Certificate



No.: 0130297

Continuation Sheet

Supple REPORT No. 2002391/2
PART - C

Page 2 of 2

TEST RESULTS

S.No.	Test	Test Method	Result Obtained	Unit
1.	Welding of corners	EN 514	No Sign Of Fracture Observed	--

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 be the notice of CIPET within 30 days from the date of issue

S. Udhayamalar
AUTHORISED SIGNATORY

CIPET



सेन्ट्रल इन्स्टीट्यूट ऑफ प्लास्टिक्स इंजीनियरिंग एण्ड टेक्नाॅलाजी

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

CENTRAL INSTITUTE OF PLASTICS ENGINEERING & TECHNOLOGY

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

HCL Post, IDA - Phase - II, Cherlapally, Hyderabad - 500 051.

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

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

Plastics Testing Centre



No.:

0130223

Test Certificate

Page 1 of 2

Date: 18.09.2020

Issued to: M/s. Dhenu Industries LLP.,
Sy.No.98, Tulekalan Village,
Ibrahimpattanam Mandal,
R.R Dist.

Ref: Your Letter No. Nil dtd.14.07.2020

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

REPORT NO :2002391/2

- a) Name of the Sample : UPVC Profile as stated by party
- b) Grade/Variety/Type/Size/Class : Nil
- c) Declared values, if any : Brand Name: DIMEX
- d) Code No. : Nil
- e) Batch No. and Date of Manufacture : Nil
- f) Quantity : 01 meter x 05 Nos.
- g) Mode of Packing : Loose
- h) Seal : Nil
- i) Any other information : Samples received on 17.07.2020
- j) Date of initiation of testing : 17.07.2020
- k) Date of completion of testing : 14.09.2020

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

Sd/-

Test Certificate



No.: 0130223

Continuation Sheet

REPORT No. 2002391/2
PART - C

TEST RESULTS

Page 2 of 2

S. No.	Test	Test Method	Result Obtained	Unit
1.	Titanium Dioxide Content (TiO ₂)	ASTME 1131	8.0	%
2.	Density	ASTMD 792	1.49	g/cc
3.	Tensile Strength at break	ASTMD 638	40.82	MPa
4.	Colour Impact (Colour) (Fastness) (UV Expouser)	ISO 105-A01-1994	No Colour Change Observed	--
5.	Colour	ISO 7724-3	White	--
6.	Resistance to Impact	EN477	No Cracks observed Confirmed	--
7.	Heat Reversion	EN 479	1.8	%
8.	Colour Fastness			
(a)	Before UV Exposure			
	L	ASTM D2244	94.04	-
	a		-00.95	-
b	00.83		-	
(b)	After 120 hrs of UV Exposure			
	L	ASTM D2244	94.17	-
	a		-00.96	-
	b		00.73	-
	(ΔE)		0.16	-
8.	Flexural Strength	ASTMD 790	78.33	MPa
9.	Charpy Impact Strength	ASTMD 256	55.52	kJ/m ²
10.	Vicat Softening Temperature (VST) (@5kg. load)	ASTMD 1525	85.5	°C
11.	Fire Resistance	UL 94	V-0	-
12.	Mass per Unit Length	CIPET Method	1300	g/m
13.	Dimensions	CIPET Method / EN IS 1105		
	a) Length		1000	mm
	b) Width		88.5	mm
	c) Thickness		2.38	mm
14.	Filler Content	ASTM E1131	10.91	%

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

S. Udhayamalar
S. Udhayamalar
AUTHORISED SIGNATORY