

सेन्ट्रल इंस्टिट्यूट ऑफ प्लास्टिक्स
इंजीनियरिंग एण्ड टेक्नोलॉजी

(रसायन एवं उर्वरक मंत्रालय, भारत सरकार)

630, फेज 4, जीआईडीसी, वटवा, अहमदाबाद-382 445.
दूरभाष: 079-40103900 / 40103923 फेक्स: 40083905
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**CENTRAL INSTITUTE OF PLASTICS
ENGINEERING AND TECHNOLOGY**

(Ministry of Chemicals & Fertilizers, Govt. of India)

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E.mail: cipetahmd@gmail.com

Website: www.cipet.gov.in

PLASTICS TESTING CENTRE

Series: G

TEST CERTIFICATE

S.L. No. **8349**

Issued to: Zplus Woodplast Pvt. Ltd.
185/A, Saijpur - Gopalpur Road,
Opp. Chamaria Fashions
Shahwadi Old octroi Naka, Narol
Ahmedabad - 05

Test Report No. : 5681
Dated : 06.02.2019
Your Ref. No. : Letter
Dated : 10.12.2018

Test Report as per Standard:

As Per Part C

**PART A
PARTICULARS OF SAMPLE SUBMITTED**

a) Name of Sample (as stated by the party)	:	WPC Door Frame
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	:	08 Nos.
g) Mode of Packing	:	Loose
h) Date of Receipt	:	07.01.2019
i) Date of Completion	:	06.02.2019
j) Sealed or not	:	NA
k) 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	:	Not Applicable

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(Signature)

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PLASTICS TESTING CENTRE

WPC Door Frame

Test Report No.: 5681

Dated: 06.02.2019

PART C
TEST RESULTS

Sr. No.	Tests	Test Method	Unit	Results Obtained
1	Density	IS 2380 Pt.3	Kg/m ³	977.5
2	Hardness – Shore 'D'	ASTM D 2240	---	76
3	a)Tensile Strength	IS 2380 Pt.6	Kg/cm ²	371
	b)Elongation at break		%	14
4	Tensile Modulus	ASTM D 638	Kg/cm ²	726
5	Screw Withdrawal Strength (Edge)	IS 2380 P.14	N	272
6	Nail Withdrawal Strength (Edge)		N	212
7	Water Resistance @ 60°C, 3 hrs.	As per Party's Spec.	---	No any change observed
8	Resistance to Stain 10% Coffee 10% Acetic Acid	IS 2046: 1995	--	No stain observed No stain observed
9	Flammability	UL 94	--	Match with V ₀
10	Resistance to steam	IS 12823:2015	---	No any sign of blistering, delamination and no change of surface finish
11	Swelling in water (Thickness Swelling)	IS 2380: Pt.17	%	0.44

PART D

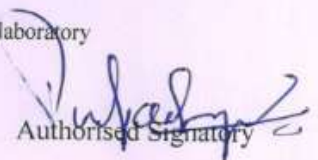
REMARKS : NIL

NOTE

- The results related only to the items tested
- The report shall not be reproduced in full/part without written approval of the laboratory


Authorised Signatory

Dr. Atul Vaghela
STA (SG)


Authorised Signatory

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Dr. Pradeep Upadhyaya
Principal Director and Head