

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

ईमेल: cipetahmd@gmail.com

वेबसाइट: www.cipet.gov.in



CENTRAL INSTITUTE OF PLASTICS  
ENGINEERING AND TECHNOLOGY

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

630, Phase IV, GIDC, Vatva, Ahmedabad - 382 445.

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PLASTICS TESTING CENTRE

WPC Board

Test Report No.: 5680

Dated: 05.02.2019

PART C  
TEST RESULTS

Sr. No.	Tests	Test Method	Unit	Results Obtained
1	Density	IS 2380 Pt.3	Kg/m <sup>3</sup>	583
2	Hardness – Shore 'D'	ASTM D 2240	---	73
3	Water Absorption 2hrs. 24hrs.	IS 2380 Pt.16	%	0.09 0.26
4	Moisture Content	IS 2380 Pt.3	%	0.14
5	a)Tensile Strength	IS 2380 Pt.6	MPa	12.4
	b)Elongation at break		%	6.1
6	Tensile Modulus	ASTM D 638	MPa	879
7	Screw Withdrawal Strength (Edge)	IS 2380 P.14	N	1120
8	Nail Withdrawal Strength (Edge)		N	657
9	Modulus of Rupture a) Minimum Individual b)Average	IS 2380 Pt.4	MPa	18.0 19.2
10	Modulus of Elasticity a) Minimum Individual b)Average	IS 2380 Pt.4	MPa	2312 2587
11	Water Resistance @ 60°C, 3 hrs.	As per Party's Spec.	---	No any change observed
12	Resistance to Stain 10% Coffee 10% Acetic Acid	IS 2046: 1995	--	No stain observed No stain observed
13	Flammability	UL 94	--	Match with V <sub>0</sub>

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**PART C  
TEST RESULTS**

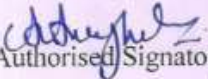
Sr. No.	Tests	Test Method	Unit	Results Obtained
14	Resistance to steam	IS 12823:2015	---	No any sign of blistering, delamination and no change of surface finish
15	Swelling in water (Thickness Swelling)	IS 2380: Pt.17	%	0.84

**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

**3 of 3**  
**Dr. Pradeep Upadhyaya**  
Principal Director and Head

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**PLASTICS TESTING CENTRE**

Series: G

**TEST CERTIFICATE**

S.L. No. **8350**

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

Test Report No. : 5680

Dated : 05.02.2019

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 Board
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	:	16 Nos.
g) Mode of Packing	:	Loose
h) Date of Receipt	:	07.01.2019
i) Date of Completion	:	05.02.2019
j) Sealed or not	:	NA
k) Any other information	:	NA

**PART B**

**SUPPLEMENTARY INFORMATION**

a) Reference to sampling procedure	:	<b>Samples Supplied by the Party</b>
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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*(Handwritten Signature)*