

सेन्ट्रल इंस्टिट्यूट ऑफ प्लास्टिक्स इंजीनियरिंग एण्ड टेक्नोलॉजी

(रसायन एवं उर्वरक मंत्रालय, भारत सरकार)

630, फेज 4, जीआईडीसी, वटवा, अहमदाबाद - 382 445.

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CENTRAL INSTITUTE OF PLASTICS ENGINEERING AND TECHNOLOGY

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

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PLASTICS TESTING CENTRE

Series : F

TEST CERTIFICATE

S.L. No. 6378

Issued to :

Hardy Smith Designs Private Limited
WPC Centre, E2 & E3, Ceramic Estate,
Near Ice Factory & Railway Over Bridge,
Gota,
Ahmedabad - 382 481

Test Report No :

1730

Dated :

07.07.2017

Your Ref. No. :

Dated :

HSWPC/CIPET/Abad/
01/May/2017

29.05.2017

Test Report as per Standard :

As per part C

PART A

PARTICULARS OF SAMPLE SUBMITTED

- | | | |
|--|---|---|
| a) Name of Sample (as stated by party) | : | Wood Plastic Composite Sheet (PVC Based) |
| 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 | : | 01 Nos |
| g) Mode of Packing | : | Loose |
| h) Date of Receipt | : | 04.07.2017 |
| i) Date of Completion | : | 07.07.2017 |
| 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, if any | : | Not Applicable |

1 of 2

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PLASTICS TESTING CENTRE

Wood Plastic Composite Sheet (PVC Based)

Test Report No. 1730

Dated : 07.07.2017

PART C TEST RESULTS

Sr. No.	Tests	Test Method	Unit	Results Obtained
1	Density	IS 2380 (P-3)	kg/m ³	563
2	Hardness (Shore-D)	ASTM D 2240	---	65
3	Tensile Strength	IS 8543(P-4)	N/mm ²	14.2
	Elongation at Break		%	20
4	Flexural Strength	IS 1734	N/mm ²	12.6
5	Flexural Modulus		N/mm ²	1421.7
6	Compressive Strength (10% Deformation)	IS 1734	Kg/cm ²	22
7	Screw Withdrawal	IS 2380 (P-14)	N	1601
8	Rate of Burning	ASTM D 635	---	The flame front did not reached 25mm mark
9	Water Absorption 1) 2 hrs 2) 24 hrs	IS 2380 (P-16)	%	1) 1.5 2) 2.2
10	Moisture Content (103°C, 1 hrs)	IS 1734 (P-1)	%	0.55
11	Modulus Of Elasticity	IS 1734 (P-11)	Kg/cm ²	526.5
12	Taber Abrasion (H-18 Wheel, 1000 Cycle, 1.kg load)	ASTM D 1242	%	1.67

PART D

REMARKS : NIL

NOTE

1 The results related only to the items tested

2 The report shall not be reproduced in full/part without written approval of the laboratory

Authorised Signatory

Authorised Signatory
Page 2 of 2