

सिपेट : इंस्टीट्यूट ऑफ प्लास्टिक्स  
टेक्नोलॉजी (आई.पी.टी.)

रसायन एवं पेट्रोसायन विभाग  
रसायन एवं उर्वरक मंत्रालय, भारत सरकार  
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दूरभाष : (079) 40103900-902, 925 फेक्स : (079) 40083905  
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मुख्यालय : सिपेट, गिण्डी, चेन्नै - 600 032.



CIPET : INSTITUTE OF PLASTICS  
TECHNOLOGY (IPT)

Department of Chemicals & Petrochemicals  
Ministry of Chemicals & Fertilizers, Govt. of India  
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Web.: www.cipet.gov.in  
Head Office : CIPET, Guindy, Chennai - 600 032

Series : I

PLASTICS TESTING CENTRE  
TEST CERTIFICATE

S.L. No. 2867

Issued to : Hardy Smith Designs Private Limited  
Hardyplast WPC Centre  
1014, Ganesh Glory, Nr. BSNL Office,  
Godrej Garden City Road S.G. Highway,  
Jagatpur, Ahmedabad - 382 470

Test Report No : 1787  
Dated : 30.07.2021  
Your Ref. No. : HSDPL/CIPET/MT/Abad  
02/2021  
Dated : 30.06.2021

Test Report as per Standard : As per part C

ULR No : TC816421000001916P

PART A

PARTICULARS OF SAMPLE SUBMITTED

a) Name of Sample ( as stated by party)	:	WPC Decking
b) Grade / variety / type / size / class	:	145mm x 23mm x 890mm
c) Declared value, if any	:	NA
d) Code No.	:	NA
e) Batch No. and Date of Manufacture	:	NA
f) Quantity	:	04 Nos
g) Mode of Packing	:	Packed in bag
h) Date of Receipt	:	02.07.2021
i) Date of Starting	:	14.07.2021
j) Date of Completion	:	28.07.2021
k) Sealed or not	:	NA
l) 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

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CIPET सिपेट  
probe • perform • practice • Plastics



एक कदम साफ़ता की ओर

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PLASTICS TESTING CENTRE

WPC Decking

Test Report No. 1787

Dated : 30.07.2021

PART C  
TEST RESULTS

Sr. No.	Tests	Test Method	Unit	Results Obtained
1	Moisture Content (105°C, 4 hrs)	IS 2380	%	0.26
2	Water Absorption at 24 hrs.	ASTM D 570	%	0.33
3	Co-efficient of Friction (Sheet to Metal)	ASTM D 1894	---	0.15
4	Taber Abrasion (H-18 Wheel, 1000 gm load, 1000 cycle)	ISO 9352	%	0.41
5	Impact Resistance (Notched)	ASTM D 256	J/m	22.4
6	Flexural Strength	ASTM D 790	N/mm <sup>2</sup>	23.2
7	Vicat Softening Temperature	ASTM D 1525	°C	122
8	Heat Deflection Temperature	ASTM D 648	°C	62.6
9	Visual Appearance	ASTM G 154	--	No colour change observed

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
- 3 This Test Report/Certificate is issued only for the samples submitted to CIPET.
- 4 The results stated above related only to the items tested.
- 5 The quality of the subsequent production lot has to be ensured by the purchaser.

  
Authorised Signatory

  
Authorised Signatory  
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