

MATERIAL TESTING FACT SHEET

PRODUCT: WOOD PVC COMPOSITE SHEET

Sr. No.	Test parameters	Result	Unit
1	Hardness	75	Shore D
2	Density	760	kg/cum
3	Tensile strength	123	kg/square cm
4	Elongation at break	16	%
5	Compressive strength @ 10% deformation	110	kg/square cm
6	Flexural strength	203	kg/square cm
7	Flexural modulus	12121	kg/square cm
8	Water absorption @ 2 hrs	0.04	%
9	Screw withdrawal	193	kg
10	Nail withdrawal	19.6	Kg
11	Charpy impact	5.1	Kg/square mtr
12	Izod impact	35.4	J/m
13	Fire retardance	1	Hr
14	Heat resistance	80	Degree/Hr
15	Acid absorption	2.90	%
16	Ecoli	Absence	
17	Salmonella	Absence	
18	S. Aureus	Absence	
19	Yiest & mold count	Absence	

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