



MaxPanel

TECHNICAL SPECIFICATION OF FREE FOAM PVC BOARD

Sr. No.	Property	Test	Result
1	Charpy Impact Strength	ASTM D 6110-06-10	29.25 J/m C(complete break)
2	Density	ASTM D 792-13	0.45-0.6 g/cc
3	Flexural Strength	ASTM D 790-10 Procedure A	20.65MPa
4	Flexural Modulus	ASTM D 790-10 Procedure A	1295MPa
5	Flammability		
6	Time of Burning	Self Extinguishing	<5 Sec
7	Extent of Burning	do	<5 Sec
8	Shore D Hardness	ASTM D 2240-05(2010)	30 to 40
9	Falling Weight Impact Strength	ASTM D 5420-10	Mean Failure height 159mm
10			Mean Failure energy 2.81 j
11	Tensile Modulus	With reference to ASTM D638-14	915 Mpa
12	Tensile Strength	With reference to ASTM D638-14	14.25 Mpa
13	Elongation at Break		16.00%
14	Water Absorption After 24hrs	ASTM D 570-98(2010)	0.45%
15	Thermal Stability	80C/60 min.	No effect
16	Thermal Conductivity	ASTM C 177-13	0.0988 W/(m.K)
17	Thermal Resistance		0.186 (m2K)/w
18	Dripping Test	NF P92 505	Passed