

Budget Satin PVC Cladding

Technical Properties

Physical	Unit	Test Method	Result
Density/ Specific gravity	g/cc		0.7
Water absorption	%		0.70
Performance	Unit	Test Method	Result
K value (25mm section)	W/m ² K		1.8
Mechanical	Unit	Test Method	Result
Tensile strength	Kg/cm ²		181
Elongation	%		15
Impact strength	J/m		32
Shore hardness			Min 60
Elastic modulus	N/mm ²		1000-1400
Flexural strength	kg/cm ²		374
Mechanical strength		Cl. No. 5.4 of IS: 5133 (Pt.2)-1969	Conforms
Thermal	Unit	Test Method	Result
Vicat-softening point VST/B/50	°C		72
Coefficient of dilation at 20°C	m/(m.K)		0.6 – 0.7
Thermal conductivity at 25mm section	W/m.K		0.0616
Stability at high temperature		Cl. No 5.6 of IS:5133 (Pt.2)-1969	Conforms
Electrical	Unit	Test Method	Result
Surface resistivity	Ω		5 x 10 ¹³
Dielectric strength	kV		10
Dielectric puncture strength	kV/cm		60
Dielectric loss factor			2.10 320. 103
Relative permittivity range			1.9 – 2.0
Flammability	Unit	Test Method	Result
Great Britain		BS 476 Part 7	Class 1
Fire retardancy		B – s1, d0	Self-extinguishable
Resistance to abnormal heat and fire		Cl. No. 9.15 of IS:8828-1996	Conforms

All information is for guide purposes only. The data has been taken from standard test results provided by our manufacturer, SGS UK Ltd.