

Data Sheet - PALBOARD® 3D

Multilayered PVC Composite Sheet

Product Definition

PALBOARD 3D Co-extruded Multilayered PVC Sheet with Rigid surface on two sides

Thickness Range

3 to 10 mm

Typical Physical Properties

Property	Standard	Conditions	Unit	Value
Physical				
Specific gravity	ASTM D-792		g/cm ³	3mm – 0.62 5mm – 0.6 10mm – 0.58
Water absorption	ASTM D-570	24 hr @ 23°C	%	< 1%
Mechanical – Machine direction				
Flexural modulus	ASTM D-790		MPa	1400
Shore hardness	ASTM D-2240		Shore D	55
Thermal				
Service temperature range			C°	-10 to 55
Heat deflection temperature	ASTM D-648	Load: 1.82 MPa	C°	55
Coefficient of linear thermal expansion	ASTM D-696		10 ⁻⁵ /°C	6.7
Electrical				
Surface resistance	ASTM D-257		Ohm	>10 ¹²

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