



PALRAM

Data Sheet – PALIGHT Colour

Flat Foamed PVC Sheet

Product Definition

Flat foam PVC sheet

Standard Thickness

3mm, 5mm, 6mm

Standard Colour Options

Grey, Yellow, Red, Blue, Green

Standard Dimensions

1220mm X 2440mm

1560mm X 3050mm

2030mm X 3050mm

Density

Thickness (mm)	3	5	6
g/cm ³	0.57	0.55	0.53

Typical Physical Properties

Property	Standard	Conditions	Unit	Value
Physical				
Water absorption	ASTM D-570	24 hr @ 23°C	%	<1
Mechanical – MD				
Flexural modulus	ASTM D-790		MPa	~1000
Shore hardness	ASTM D-790			40
Thermal				
Service temperature range			C°	-10 to 50
Heat deflection temperature	ASTM D-648	1.82 MPa load	C°	53
Linear thermal expansion coefficient	ASTM D-696		10 ⁻⁵ /°C	6.7
Thermal conductivity	ASTM C-177		W/mk	0.07
Electrical				
Surface resistance	ASTM D-257		Ohm	>10 ¹²

Update: 3.2026

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