

# Data Sheet - PALOPAQUE™

## Flat Opaque PVC Sheet



### Product Definition

PALOPAQUE – Flat solid opaque PVC sheet

### Thickness Range

1 to 15 mm

### Surface Finishes

Glossy, Matte, embossed

### Flammability

Standard	Classification
EN 13501	B, s3, d0

*\*All the above depends on thickness and colors.*

*For additional information please contact PALRAM.*

### Typical Physical Properties

Property	Standard	Conditions	Unit	Value
Density	ASTM D792		g/cm <sup>3</sup>	1.4
Heat Deflection Temperature	ASTM D648	1.82 MPa	°C	63
Service Temperature Range			°C	-10 to 50
Coefficient of Linear Thermal Expansion	DIN 53752	20°C -90°C	10 <sup>-5</sup> /k	6.7
Thermal Conductivity	ASTM C177		W/mK	0.15
Tensile Strength at Yield	ISO 527	50 mm/min	MPa	50
Elongation at Break	ISO 527	50 mm/min	%	>80
Modulus of Elasticity	ISO 527	50 mm/min	MPa	2900
Flexural Strength	ISO 178	1 mm/min	MPa	90
Flexural Modulus	ISO 178	1 mm/min	MPa	3000
Water absorption	ISO 62	216 h		≤0.1%
Water vapour transmission	ASTM E96		g/m <sup>2</sup> /24hr	≤ 0.12
Impact strength	ISO 179/1ea	Notched Charpy	kJ/m <sup>2</sup>	>20
Surface resistivity	ASTM D-257		Ω	>10 <sup>14</sup>