Data Sheet – PALIGHT™ PRINT
Flat Foamed PVC Sheet

PALRAM

Product Definition
Flat foamed PVC sheet

Thickness Range
2 to 10mm

Colors
White

Width (standard sizes)
1220 mm
1560 mm
2030 mm
- Custom colors and sizes are available upon request, possibly subject to minimum order size.

Flammability

Standard	Classification
EN 13501	B, s3, d0

- All the above depends on thickness, for additional information please contact PALRAM.

Typical Physical Properties

Property	Standard	Conditions	Unit	Value	
Thickness				3mm	10mm
Physical					
Specific gravity	ASTM D-792		g/cm^3	0.52	0.49
Water absorption	ASTM D-570	24 hr @ 23°C	%	0.5	0.8
Mechanical – Machine direction					
Flexural modulus	ASTM D-790		MPa	1100	
Shore hardness	ASTM D-790			40	
Thermal					
Service temperature range			C$^\circ$	-10 to 55	
Heat deflection temperature	ASTM D-648	Load: 1.82 MPa	C$^\circ$	59-63	
VICAT softening temperature	ASTM D-1525	Load: 1 Kg	C$^\circ$	74-78	
Coefficient of linear thermal expansion	ASTM D-696		10^{-5}/$^\circ$C	6.7	
Thermal conductivity	ASTM C-177		W/mk	0.07	
Electrical					
Surface resistance	ASTM D-257		Ohm	5X10^{15}	
Volume resistance	ASTM D-257		Ohm-cm	2.6X10^{15}	