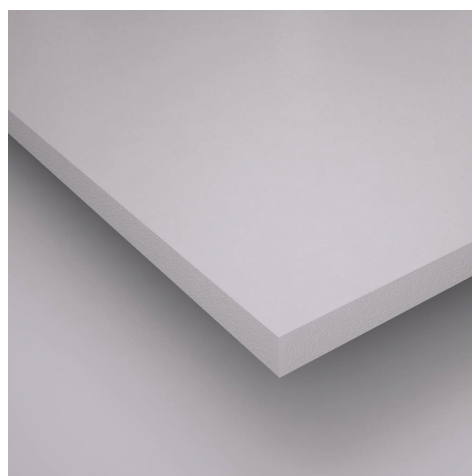


Technical data

CODE:**PRODUCT:****PALIGHT****NOTE:****TECHNICAL DATA****IMAGE:****LAST UPDATE:**

8/2021



CATEGORY

BOARD MATERIALS

Product definition

Flat foamed PVC sheet

Thickness range

1 to 25 mm

Colors

White

Width (standard sizes)

1 220 mm

1 560 mm

2 030 mm

* Custom colors and sizes are available upon request, possibly subject to minimum order size



Flammability

Standard	Classification
EN 13501	B, s2, d0

* All the above depends on thickness, for additional information please contact DENCOP LIGHTING

Typical physical properties	Standard	Conditions	Unit	Value	
Thickness				3 mm	10 mm
Physical					
Specific gravity	ASTM D-1505		g/cm ³	0,62	0,52
Water absorption	ASTM D-570	24 hr @ 23°C	%	0,5	0,8
Mechanical - Machine direction					
Flexural modulus	ASTM D-790		Mpa	1 400	1 100
Shore hardness	ASTM D-790			70-80	70-80
Impact strenght - Charpy	ASTM D-256	23°C		16	22
Thermal					
Service temperature range	ASTM D-648		°C	-10 to 55	-10 to 55
Heat deflection temperature	ASTM D-1525	Load: 1.82 Mpa	°C	59-63	59-63
VICAT softening temperature	ASTM D-696	Load: 1 kg	°C	74-78	74-78
Coefficient of linear thermal expansion	ASTM C-177		10 ⁻⁵ /°C	6,7	6,7
Thermal conductivity			W/mk	0,07	0,07
Electrical					
Surface resistance	ASTM D-257		Ohm	5 x 10 ¹⁵	5 x 10 ¹⁵
Volume resistance	ASTM D-257		Ohm-cm	2,6-21 x 10 ¹⁵	2,6-21 x 10 ¹⁵