








## PALSUN







### THERMOFORMING - MACHINING - PRINTING

PALSUN polycarbonate panels are as transparent as glass, while being 200 times stronger and twice as light. PALSUN panels are designed to be anti-UV, they protect from the harmful effects of rays but also reduce the effect of heat. These panels can be used for many applications such as advertising panels, acoustic panels, protective glass, building windows, car windshields...



INFORMATION FOR  
decorators  
advertising technicians  
digital printers  
design and advertising  
and advertising agencies  
exhibitors  
stand manufacturers  
trade fairs and exhibitions  
POS decorators  
sign makers  
model makers  
prototypists

-  Panels
-  Displays
-  Anti-UV partitions
-  Digital printing
-  Protective glass
-  Resizing of photos

-  Signs
-  Panels for pergolas
-  Trade Fair Stands
-  Bus stops
-  Anti-noise partitions
-  Protective visors

## Technical specifications

Properties	Test method	Unit	Value
Density	D-792	g/cm <sup>3</sup>	~ 1.20
Resistance to deformation	D-638	MPa	~ 65
Resistance to breakage	D-638	MPa	~ 60
Elongation at break	D-638	%	>90
Modulus of elasticity	D-638	MPa	~ 2'300
Operating temperature		°C	-50 + 100
Coefficient of linear expansion	D-696	cm/cm °C	0.065
Resistance to bending	D-790	MPa	100
Rockwell hardness	D-785	R Scale	125R
Acoustic insulation			Good
Laminating			Very good
Folding			Very good
Thermoforming			Very good
Fire class	EN13501 NFP 92-501 (F)		B, s1,d0 M2



### MACHINING

Can be sawn, milled, drilled, perforated, cut out water jet, screwed.



### FORMING

Can be stamped and draped, cold bent, bent, stamped, formed under pressure, thermoformed, glued.



### PRINTING, LACQUERING, LAMINATING

Digital printing, screen printing, acrylic paints, 2-component paints, common artificial paints.

#### Plate thickness

1 mm

1.50 mm

2 - 3 - 4 mm

4.50 mm

5 - 6 mm

8 - 10 - 12 mm

## Dimensions

#### Dimensions

1220 x 2440 mm

1250 x 2440 mm

2050 x 3050 mm

2450 x 3050 mm