



SUNLOID® PLATE PC

PolyCarbonate Plate



** SUNLOID® is the registered trademark of

Sumitomo Bakelite Co., Ltd.

PRODUCT CAPABILITIES:

STOCK SHAPES

- Sheet Size : 1m x 2m
- Thickness : 3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm, 15mm, 20mm, 30mm
- Sheet Size : 1.2m x 2.4m
- Thickness : 3mm, 5mm, 6mm

ADVANTAGES:

- Good Transparency
- High Impact Resistance
- High Temperature Resistance

PRODUCT COLORS:

- Clear

APPLICATIONS INCLUDE:

- IC Industry And OA Computer
- Equipment / Machine Covers

GENERAL PROPERTIES	TEST METHOD OR UL TEST	SUNLOID® PLATE PC Typical Values
PHYSICAL		
Specific Gravity (g/cm ³)	JIS K 7112	1.20
Water Absorption, 24 hrs (%)	ASTM D570	0.23
MECHANICAL		
Tensile Strength (N/mm ²)	JIS K 6745	65
Pencil Hardness	JIS K 5400	3B
Flexural Strength (N/mm ²)	JIS K 7203	90
Flexural Modulus (N/mm ²)	JIS K 7203	2200
IZOD Impact Strength (kJ/mm ²)	JIS K 6745	780
THERMAL		
Coeff. of Thermal Expansion (x 10 ⁻⁵ in./in./°F)	ASTM D696	7
Heat Deflection Temp (°F / °C)	D648	275 / 135
Flammability Rating	UL-94	HB
ELECTRICAL		
Surface Resistivity (ohms/sq)	D257	-
Total Light Transmittance (%)	JIS K 6745	80
Haze (%)	JIS K 6745	3

NOTE: The information contained here in is typical values intended for reference only. They should NOT be used as a basis for design specifications or quality control.

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