



# SUNLOID ELECON PLATE PC/DC PLATE

Anti-Static PolyCarbonate / DC Plate



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**TSUTSUNAKA PLASTICS**

## PRODUCT CAPABILITIES:

- Sheet Size : 1m x 2m
- Thickness : 3mm, 5mm, 6mm,
- Sheet Size : 1.2m x 2.4m
- Thickness : 3mm, 5mm,

## ADVANTAGES:

- Excellent Performance In Static
- Electrically Control
- Good Transparency

## PRODUCT COLORS:

- Clear

## APPLICATIONS INCLUDE:

- Clean Room And Semiconductor Related Factories Where Clean Environment Is Required
- IC Industry And OA Computer Equipment / Machine Covers

GENERAL PROPERTIES	Test Method or UL Test	SUNLOID ELECON PLATE PC Typical Values
<b>PHYSICAL</b>		
Specific Gravity (g/cm <sup>3</sup> )	JIS K 7112	1.2
Water Absorption, 24 hrs (%)	ASTM D 570	0.23
<b>MECHANICAL</b>		
Tensile Strength (N/mm <sup>2</sup> )	JIS K 6745	65
Pencil Hardness	JIS K 5400	3B
Flexural Strength (N/mm <sup>2</sup> )	JIS K 7203	90
Flexural Modulus (N/mm <sup>2</sup> )	JIS K 7203	2200
IZOD Impact Strength (kJ/mm <sup>2</sup> )	JIS K 6745	780
<b>THERMAL</b>		
Coeff. of Thermal Expansion (x 10 <sup>-5</sup> in./in./°F)	ASTM D696	7
Heat Deflection Temp (°F / °C)	D648	275 / 135
Flammability Rating	UL-94	HB
<b>ELECTRICAL</b>		
Surface Resistivity (ohms/sq)	ASTM D257	10 <sup>6</sup> - 10 <sup>8</sup>
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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