



SUNLOID ELECON PLATE PVC/DC PLATE

Anti-Static PVC / DC Plate



** SUNLOID® is the registered trademark of

TSUTSUNAKA PLASTICS

PRODUCT CAPABILITIES:

- Sheet Size : 1m x 2m
- Thickness : 3mm, 5mm, 6mm, 8mm, 10mm
- Sheet Size : 1.2m x 2.4m
- Thickness : 3mm, 5mm, 8mm, 10mm

ADVANTAGES:

- Excellent Performance In Static
- Electrically Control
- Good Transparency
- High Impact Resistance
- High Temperature Resistance

PRODUCT COLORS:

- Clear
- Smoke Brown

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 PVC Typical Values
PHYSICAL		
Specific Gravity (g/cm ³)	JIS K 7112	1.4
Water Absorption, 24 hrs (%)	ASTM D 570	0.03
MECHANICAL		
Pencil Hardness	JIS K 5400	H
Tensile Strength (N/mm ²)	JIS K 6745	67
Flexural Strength (N/mm ²)	JIS K 7203	100
Flexural Modulus (N/mm ²)	JIS K 7203	3300
IZOD Impact Strength (kJ/mm ²)	JIS K 6745	2.3
THERMAL		
Coeff. of Thermal Expansion (x 10 ⁻⁵ in./in./°F)	ASTM D696	7
Heat Deflection Temp (°F / °C)	JIS K 6745	144 / 62
Flammability Rating	UL-94	V-0
ELECTRICAL		
Surface Resistivity (ohms/sq)	ASTM D257	10 ⁶ - 10 ⁸
Total Light Transmittance (%)	JIS K 6745	76
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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