



ELECON PLATE PC ANTI-STATIC

Anti-static PC / DC Plate



PRODUCT CAPABILITIES:

STOCK SHAPES

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

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

MITSUBISHI PLASTIC, INC.

GENERAL PROPERTIES	ASTM or UL Test	CC300E Typical Values
PHYSICAL		
Specific Gravity (g/cm ³)	JIS K 7112	1.20
Water Absorption, 24 hrs (%)	JIS K 7209	0.16
MECHANICAL		
Pencil Hardness	JIS K 7202	B
Tensile Yield Strength (MPa)	JIS K 7162	65
Tensile Modulus (MPa)	JIS K 7162	2000
Flexural Strength (MPa)	JIS K 7171	94
Flexural Modulus (MPa)	JIS K 7171	2100
Charpy Impact Strength (KJ/m ²)	JIS K 7111	21.0
THERMAL		
Linear Thermal Expansion Coeff. (x10 ⁻⁵ 1/°C)	JIS K 7197	6.3
Heat Deflection Temp (°F / °C)	JIS K 7197-2	280 / 138
Thermal Conductivity (w/m.K)	ASTM C177	0.19
Flammability Rating	UL-94	HB
ELECTRICAL		
Surface Resistivity (ohms/sq)	IEC 60093	10 ⁶ -10 ⁸
Total Light Transmittance (%) (5mm)	JIS K 7361-1	75
Dielectric Constant (10 ³ Hz)	JIS K 6911	-

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.