



# ELECON PLATE PVC ANTI-STATIC

Anti-static PVC / DC Plate



## PRODUCT CAPABILITIES:

### STOCK SHAPES

- Sheet Size : 1m x 2m, 1.2m x 2.4m
- Thickness : 2mm, 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	ESEP30 Typical Values
<b>PHYSICAL</b>		
Specific Gravity (g/cm <sup>3</sup> )	JIS K 7112	1.40
Water Absorption, 24 hrs (%)	JIS K 7209	0.02
<b>MECHANICAL</b>		
Pencil Hardness	JIS K 7202	H
Tensile Yield Strength (MPa)	JIS K 7162	75
Tensile Modulus (MPa)	JIS K 7162	3200
Flexural Strength (MPa)	JIS K 7171	110
Flexural Modulus (MPa)	JIS K 7171	3200
Charpy Impact Strength (KJ/m <sup>2</sup> )	JIS K 7111	2.8
<b>THERMAL</b>		
Linear Thermal Expansion Coeff. (x10 <sup>-5</sup> 1/°C)	JIS K 7197	7
Heat Deflection Temp (°F / °C)	JIS K 7197-2	144 / 62
Thermal Conductivity (w/m.K)	ASTM C177	0.16
Flammability Rating	UL-94	V-0
<b>ELECTRICAL</b>		
Surface Resistivity (ohms/sq)	IEC 60093	10 <sup>6</sup> -10 <sup>8</sup>
Total Light Transmittance (%) (5mm)	JIS K 7361-1	72
Dielectric Constant (10 <sup>3</sup> Hz)	JIS K 6911	3.0 ~ 3.1

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.

## Pactumax International Pte Ltd

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