

Product Data

Static Dissipative Clip Board

Code : 5308 Series



Feature

Constructed from ESD acrylic and is ideal for use in clean room class 10 or Class 100 environment.

Material

Base material	ESD Acrylic material
Colour	Clear, Beige
Clip	Chrome

Dimension

Available size	225 mm x 325mm x 3mm
Other size	Upon request

Pro-Pack Materials Pte Ltd

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Product Data

Clear Static Dissipative Clip Board

Code : 5308 - 0001



Material Physical Properties

Specific Gravity	1.19	g/cm ²	ASTM D-792
Water Absorption	0.3	%	ASTM D-570
Pencil Hardness	3H~5H	-	JIS K-5400
Piece Close Adhesion Strength	100/100	-	JIS K-5400

Material Mechanical Properties

Tensile Strength	560~670	Mpa (kgf/cm ²)	ASTM D-638
Elongation	2.0~7.0	%	ASTM D- 638
Flexural Strength	840~1200	kgf/cm ²	ASTM D-790
Flexural Modulus of Elasticity	2.6 x 10 ⁴ ~ 3.2 x 10 ⁴	kgf/cm ²	ASTM D-256
Compressive Strength	-	kgf/cm ²	ASTM D-256
IZOD Shock Strength	2	J/N (kgf cm/cm ²)	ASTM D-256

Material Thermal Properties

Burning Resistance	Incombustibility HB	-	UL-94
Coefficient of Linear Thermal Expansion	-	X10 ⁻⁵ in/in°F	ASTM D-696
Heat Deflection Temp	-	°F/°C at 264psi	ASTM D-648
Vicat Softening Temp	-	°F/°C	ASTM D-3418
Max Operation Temp	-	°F/°C	
Thermal Conductivity	-	BTU-in/ft ² -hr-°F X10 ⁻⁴ cal/in/cm-sec-°C	ASTM C-177

Material Electrical Properties

Surface Resistivity	10 ⁶ ~10 ⁸	Ω/sq	ASTM D-257
Anti-Static Decay Time	Below 0.1	Sec	MIL B-81705 B
Size	1,000 x 2,000 / 1,200 x 2,400		
Thickness	2.0 / 3.0 / 4.0 / 5.0 / 6.0 / 8.0 / 10.0		
Colour	Clear transparent, Yellow, Orange, Blue, Brown, Opaque in black of Ivory		
Remark	Other size, thickness and colors are also available upon request.		

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