



SUNLOID® KP 1 5W REINFORCED PVC

Steel Wire Reinforced PVC



PRODUCT CAPABILITIES:

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

ADVANTAGES:

- Better Impact Strength
- Good Transparency

PRODUCT COLORS:

- Clear

APPLICATIONS INCLUDE:

- IC Industry And OA Computer Equipment / Machine Covers

** SUNLOID® is the registered trademark of

SUMITOMO BAKELITE CO., LTD

GENERAL PROPERTIES	Test Method or UL Test	SUNLOID® KP 1 5W REINFORCED PVC Typical Values
PHYSICAL		
Specific Gravity (g/cm ³)	JISK7112	1.4
Water Absorption, 24 hrs (%)	ASTM D570	0.03
MECHANICAL		
Tensile Strength (MPa)	JIS K 7162/1B	60
Tensile Elongation (%)	JIS K 7162/1B	5
Tensile Modulus (MPa)	JIS K 7162/1B	3,000
Flexural Strength (N/mm ²)	JIS K 7203	-
Flexural Modulus (N/mm ²)	JIS K 7203	-
Charpy Impact Strength (KJ/m ²)	JIS K 7111/lepA	2
THERMAL		
Coeff. of Thermal Expansion (x 10 ⁻⁵ in./in./°F)	ASTM D696	-
Vicat Softening Point (°C)	JIS K 7206/B	70
Heat Shrinkage (%)	140 °C X 30 min	± 1
Flammability Rating	JIS K 6745	Self-Extinguishing
ELECTRICAL		
Surface Resistivity (ohms/sq)	ASTM D257	-
Total Light Transmittance (%)	JIS K 6745	-
Lamination Test	-	No Peeling Off

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

39, Kaki Bukit View, Singapore 415968

Tel: 65 6482 5006 | Fax: 65 6482 5703 | Email: sales@pactumax.com | Website: www.pactumax.com