



# SUNLOID KP 15W REINFORCED PVC

Steel Wire Reinforced PVC



### PRODUCT CAPABILITIES:

- Sheet Size: 1 m x 2m
- 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 15W REINFORCED PVC Typical Values
<b>PHYSICAL</b>		
Specific Gravity (g/cm <sup>3</sup> )	JISK7112	1.4
Water Absorption, 24 hrs (%)	ASTM D570	0.03
<b>MECHANICAL</b>		
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 <sup>2</sup> )	JIS K 7203	–
Flexural Modulus (N/mm <sup>2</sup> )	JIS K 7203	–
Charpy Impact Strength (KJ/m <sup>2</sup> )	JIS K 7111/lepA	2
<b>THERMAL</b>		
Coeff. of Thermal Expansion (x 10 <sup>-5</sup> 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
<b>ELECTRICAL</b>		
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.