



KER-6200 A/B

Shin-Etsu Silicones of America, Inc.
800-544-1745

Product Description

Shin-Etsu's KER-6200 A/B is a dual component, heat cure, phenyl-based polysiloxane potting gel that will cure to form a soft, pliable elastomer to protect sensitive electronic components. KER-6200 A/B provides superior vibration resistance and exhibits excellent, unprimed adhesion to metals, plastics, glass, and ceramics.

Product Features

- Superior vibration resistance
- Excellent electrical insulation
- Dual component
- Heat Cure

Typical Applications

- Protecting sensitive electronic components

Typical Properties

Type	Potting Gel
Cure Type	Addition
One/Two Component	Two
Color	Transparent
Density @ 23C (g/cm ³)	1.08
Viscosity A (cps)	1400.00
Mix Ratio by weight	100:100
Cure Conditions	1hr@100C + 2hr@150C
Working Time	3 Hours
Penetration (1/10mm)	30
Volume Resistivity (TΩ·m)	0.5
Dielectric Strength (kV/mm)	15
Dielectric Constant	3.1 @ 50Hz
Dielectric Dissipation Factor	4x10 ⁻⁴ @ 50Hz
Softening Point (C)	-40
Coefficient of Linear Expansion α ₂ (ppm)	350
Refractive Index (23C/589nm)	1.50
% Light Transmissivity (400nm/2mm)	98
Usable Temperature Range (C)	-40 to +180

Note: Values are not for specification purposes.

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