



KE-1011 A/B

Shin-Etsu Silicones of America, Inc.
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Product Description

Shin-Etsu's KE-1011 A/B is a dual component, heat cure, methyl-based polysiloxane potting gel that will cure to form a soft, pliable elastomer to protect sensitive electronic components. KE-1011 A/B provides superior vibration resistance and exhibits excellent, unprimed adhesion to metals, plastics, glass, and ceramics.

Product Features

- Superior vibration resistance protection
- Excellent electrical insulation
- Dual component
- 1:1 mix ratio
- 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)	0.97
Viscosity A (cps)	900.00
Mix Ratio by weight	100:100
Cure Conditions	1hr @ 100C
Working Time	4 Hours
Penetration (1/10mm)	20
Volume Resistivity (TΩ·m)	10
Dielectric Strength (kV/mm)	14
Dielectric Constant	3.0 @ 50Hz
Dielectric Dissipation Factor	5x10 ⁻⁴ @ 50Hz
Thermal Conductivity (W/m·K)	0.20
Usable Temperature Range (C)	-40 to +180

Note: Values are not for specification purposes.

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