

### Product Description

Shin-Etsu's KE-106 is an optically clear, high strength, dual component, heat cured, self-leveling potting encapsulant that will cure to form a durable, flexible rubber to protect electronic components. KE-106F is mixed with the CAT-RG and exhibits excellent electrical isolation and protection of electronic components.

### Product Features

- Optically clear
- High strength
- Dual component
- 10:1 mix ratio
- Heat cured
- Self-leveling

### Typical Applications

- Protecting and electrically isolating electronic components

### Typical Properties

Type	Potting Encapsulant
Cure Type	Addition
One/Two Component	Two
Color	Transparent
Density @ 23C (g/cm <sup>3</sup> )	1.02
Viscosity A (cps)	3300.00
Catalyst	CAT-RG
Mix Ratio by weight	100:10
Cure Conditions	30min @ 150C
Working Time	2 Hours
Shore A Hardness	56
Tensile Strength (MPa)	8.00
% Elongation	100
Volume Resistivity (TΩ·m)	3
Dielectric Strength (kV/mm)	23
Dielectric Constant	3.1 @ 50Hz
Dielectric Dissipation Factor	5x10 <sup>-3</sup> @ 50Hz
Usable Temperature Range (C)	-40 to +180

*Note: Values are not for specification purposes.*

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