



KE-1846

Product Description

Shin-Etsu's KE-1846 is a fast, single component, heat curing conformal coating that will cure to form a durable and flexible elastomer for protecting electronic components. KE-1846 is suitable for application by selective spray coating, mass coating, and flow coating, making it ideal for coating circuit boards.

Product Features

- Fast cure
- Single component
- Room-temperature cure
- Excellent unprimed adhesion to most substrates

Typical Applications

- Coating circuit boards and other electronic components

Typical Properties

Type	Conformal Coating
Cure Type	Addition
One/Two Component	One
Cold Storage	Y
Low Molecular Weight Siloxane Stripped?	Y
Color	Creamy White
Density @ 23C (g/cm ³)	1.02
Viscosity (cps)	7000.00
Cure Conditions	1hr @ 100C
Shore A Hardness	25
Tensile Strength (MPa)	3.00
% Elongation	180
Shear Strength (MPa)	0.30
Volume Resistivity (TΩ·m)	1.0
Dielectric Strength (kV/mm)	25
Usable Temperature Range (C)	-40 to +180

Note: Values are not for specification purposes.

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