



KE-3475-TUV

Product Description

Shin-Etsu's KE-3475-TUV is a fast, UL-746 V-1 rated, single component, room-temperature curing conformal coating that will cure to form a durable and flexible elastomer for protecting electronic components. KE-3475-TUV is suitable for application by selective spray coating, mass coating, and flow coating, making it ideal for coating circuit boards.

Product Features

- UL-746 V-1 certified
- UV tracer for easy inspection
- Fast cure
- Single component
- Room-temperature cure
- Low odor and non-corrosive
- Excellent unprimed adhesion to most substrates

Typical Applications

- Coating circuit boards and other electronic components

Typical Properties

Type	Conformal Coating
Cure Type	Condensation
One/Two Component	One
UL	Y
Color	Translucent
Density @ 23C (g/cm ³)	1.02
Viscosity (cps)	2600.00
Cure Conditions	72hr @ 23C/50% RH
Tack Free Time (min)	5
Shore A Hardness	25
Tensile Strength (MPa)	0.80
% Elongation	200
Shear Strength (MPa)	0.40
Volume Resistivity (TΩ·m)	3
Dielectric Strength (kV/mm)	22
Dielectric Constant	3.0 @ 50Hz
Dielectric Dissipation Factor	3 x 10 ⁻³ @ 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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