



KE-3493

Shin-Etsu Silicones of America, Inc.
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Product Description

Shin-Etsu's KE-3493 is a single component, room-temperature cure, thixotropic adhesive that will cure to form a tough, durable elastomer and exhibits excellent thermal conductivity. KE-3493 is a low odor, neutral cure, non-corrosive product that exhibits excellent, unprimed adhesion to metals, plastics, glass, and ceramics.

Product Features

- Excellent thermal conductivity
- Single component
- Room-temperature cure
- Thixotropic paste
- Low odor and non-corrosive

Typical Applications

- Adhering electronics to their heat sinks

Typical Properties

Type	Adhesive/Sealant
Cure Type	Condensation
One/Two Component	One
Low Molecular Weight Siloxane Stripped?	Y
Color	White
Density @ 23C (g/cm ³)	1.5
Cure Conditions	7days @ 23C/50% RH
Tack Free Time (min)	1
Shore A Hardness	70
Tensile Strength (MPa)	2.0
% Elongation	70
Shear Strength (MPa)	0.80
Volume Resistivity (TΩ·m)	1
Dielectric Strength (kV/mm)	35
Dielectric Constant	4.2 @ 50Hz
Dielectric Dissipation Factor	2x10 ⁻³ @ 50Hz
Thermal Conductivity (W/m·K)	1.6
Usable Temperature Range (C)	-40 to +180

Note: Values are not for specification purposes.

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