



KE-3498

Product Description

Shin-Etsu's KE-3498 is a MIL-A-46146 rated, single component, room-temperature cure, thixotropic adhesive that cures to form a tough, durable elastomer. KE-3498 is a low odor, neutral cure, non-corrosive product that exhibits excellent, unprimed adhesion to metals, plastics, glass, and ceramics.

Product Features

- MIL-A-46146A Type 1 or MIL-A-46146B Grade 1 Class 1 rated
- Single component
- Room-temperature cure
- Thixotropic paste
- Low odor and non-corrosive

Typical Applications

- Form-in-place gasketing
- Sealing electronics

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)	1.07
Cure Conditions	7days @ 23C/50% RH
Tack Free Time (min)	3
Shore A Hardness	40
Tensile Strength (MPa)	3.90
% Elongation	600
Shear Strength (MPa)	0.90
Volume Resistivity (TΩ·m)	1
Dielectric Strength (kV/mm)	25
Dielectric Constant	3.0 @ 50Hz
Dielectric Dissipation Factor	1 x 10 ⁻³ @ 50Hz
Thermal Conductivity (W/m·K)	0.21
Usable Temperature Range (C)	-40 to +180

Note: Values are not for specification purposes.

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