

Product Description

Shin-Etsu's KE-4806 is a single component, room-temperature cure, high viscosity adhesive that will cure into a tough, durable elastomer and will not inhibit addition-cure products. KE-4806 is a low odor, neutral cure, non-corrosive product that exhibits excellent, unprimed adhesion to metals, plastics, glass, and ceramics.

Product Features

- Addition-cure sensitive
- Single Component
- Room-temperature cure
- High viscosity
- Low odor and non-corrosive

Typical Applications

- Filler for addition-cure silicone products
- 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)	1.05
Viscosity (Pa·s)	150.00
Cure Conditions	7 days @ 23C/50% RH
Tack Free Time (min)	7
Shore A Hardness	24
Tensile Strength (MPa)	1.50
% Elongation	350
Volume Resistivity (TΩ·m)	40.0
Dielectric Strength (kV/mm)	24
Dielectric Constant	3.1 @ 50Hz
Dielectric Dissipation Factor	1x10 ⁻³ @ 50Hz
Usable Temperature Range (C)	-40 to +180

Note: Values are not for specification purposes.

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