KE-348

Shin-Etsu Silicones of America, Inc.
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Product Description

Shin-Etsu's KE-348 is a single component, room-temperature cure, thixotropic adhesive that will cure to form a tough, durable elastomer. KE-348 is a low odor, neutral cure, non-corrosive product that exhibits excellent, unprimed adhesion to metals, plastics, glass, and ceramics.

Product Features

- 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
Color	Black, White, Translucent
Density @ 23C (g/cm^3)	1.05
Cure Conditions	7days @ 23C/50% RH
Tack Free Time (min)	5
Shore A Hardness	30
Tensile Strength (MPa)	2.48
% Elongation	410
Shear Strength (MPa)	0.90
Volume Resistivity (TΩ·m)	10
Dielectric Strength (kV/mm)	20
Dielectric Constant	2.5 @ 50 Hz
Dielectric Dissipation Factor	$1x10^{-3}$ @ 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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