

Product Description

Shin-Etsu's KE-3412 is a single component, room-temperature cure, high viscosity adhesive that will cure to form a tough, durable elastomer and has high heat resistance. KE-3412 is a low odor, neutral cure, non-corrosive products that exhibits excellent, unprimed adhesion to metals, plastics, glass, and ceramics.

Product Features

- High heat resistance
- Single component
- Room-temperature cure
- High viscosity fluid
- 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	Black
Density @ 23C (g/cm ³)	1.06
Viscosity (Pa·s)	90.00
Cure Conditions	7days @ 23C/50% RH
Tack Free Time (min)	6
Shore A Hardness	35
Tensile Strength (MPa)	2.70
% Elongation	270
Shear Strength (MPa)	1.00
Volume Resistivity (TΩ·m)	155
Dielectric Strength (kV/mm)	28
Dielectric Constant	3.1 @ 50Hz
Dielectric Dissipation Factor	1x10 ⁻² @ 50Hz
Thermal Conductivity (W/m·K)	0.21
Usable Temperature Range (C)	-40 to +200

Note: Values are not for specification purposes.

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