



Shin-Etsu Silicones of America, Inc.
800-544-1745

KE-1835-S

Product Description

Shin-Etsu's KE-1835-S is a UL 94 HB rated, single component, heat cure, high viscosity adhesive that will cure to form a tough, durable elastomer. KE-1835-S exhibits excellent, unprimed adhesion to metals, plastics, glass, and ceramics.

Product Features

- Superior adhesion to plastics
- UL 94 HB certified
- Single component
- Heat cured
- High viscosity

Typical Applications

- Form-in-place gasketing
- Sealing electronics

Typical Properties

Type	Adhesive/Sealant
Cure Type	Addition
One/Two Component	One
UL	Y
Cold Storage	Y
Color	White
Density @ 23C (g/cm ³)	1.25
Viscosity (Pa·s)	140.00
Cure Conditions	1hr @ 120C
Shore A Hardness	40
Tensile Strength (MPa)	4.00
% Elongation	370
Shear Strength (MPa)	3.00
Volume Resistivity (TΩ·m)	11.0
Dielectric Strength (kV/mm)	29
Dielectric Constant	3.3 @ 50Hz
Dielectric Dissipation Factor	5x10 ⁻³ @ 50Hz
Usable Temperature Range (C)	-40 to +180

Note: Values are not for specification purposes.

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