



KE-1950-40A/B

Shin-Etsu Silicones of America, Inc.
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Product Description

Shin-Etsu KE-1950-40 is a liquid injection molding silicone. It is supplied as two components which are mixed in a 1:1 ratio to ensure easy and accurate blending. The viscosity of KE-1950-40 is low enough to allow easy pumping through most injection molding systems.

Product Features

- Fast cure rate for increased productivity.
- No catalyst by-products.
- Curable over a wide range of temperatures.
- Long pot life.

Typical Applications

- O-rings.
- Diaphragms.
- Capping.
- Rubber rollers.
- Connector packings.
- Other electrical parts.
- Products requiring class VI certification.

Packaging Information

88lb Pail Kit|880lb Drum Kit

Typical Properties

Type of HCR	LIMS
Viscosity A	560
Viscosity B	500
Durometer	36
Tensile Strength (psi)	1380
Elongation (%)	730
100% Modulus	146
Specific Gravity	1.13
Tear Die B (ppi)	162
Compression Set (%)	36
Comp. Set Time (hours)	22
Comp. Set Temp. (°C)	150
Comp. Set Temp. (°F)	302
Press Cure/Post Cure	Press/Post
Cure Time (minutes)	15
Cure Temp. (°C)	150
Cure Temp. (°F)	302
Post Cure Time (hours)	1
Post Cure Temp. (°C)	150
Post Cure Temp. (°F)	302

Note: Values are not for specification purposes.

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