



## KE-1950-20 A/B

### Product Description

Shin-Etsu KE-1950-20 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-1950-20 is low enough to allow easy pumping through most injection molding systems.

### Product Features

- Rapid cure time at elevated temperature.
- Long pot life at room temperature.

### Typical Applications

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

### Packaging Information

88 lb pail kits; 880 lb drum kits

### Typical Properties

Type of HCR	LIMS
Viscosity A	160
Viscosity B	160
Durometer	20
Tensile Strength (psi)	1060
Elongation (%)	970
Specific Gravity	1.10
Tear Die B (ppi)	139
Compression Set (%)	15
Comp. Set Time (hours)	22
Comp. Set Temp. (°C)	150
Comp. Set Temp. (°F)	302
Press Cure/Post Cure	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.*

### Storage and Shelf Life

Store in a cool, dry place.

### Regulatory Testing

Class VI

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