

Product Description

Shin-Etsu KE-1950-30 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-1950-30 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.
- Low durometer

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 Elastomer	LIMS
Viscosity A (Pa·s)	250
Viscosity B (Pa·s)	250
Durometer (Shore A)	31
Tensile Strength (psi)	1190
Elongation (%)	710
100% Modulus	101
Specific Gravity	1.10
Tear Die B (ppi)	128
Compression Set (%)	22
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.

Regulatory Testing

- Class VI
- FDA

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