

Product Description

Shin-Etsu KEG-2000-20 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 KEG-2000-20 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.
- High tear strength

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	700
Viscosity B	700
Durometer	23
Tensile Strength (psi)	900
Elongation (%)	880
Specific Gravity	1.08
Tear Die B (ppi)	87
Compression Set (%)	28
Comp. Set Time (hours)	22
Comp. Set Temp. (°C)	175
Comp. Set Temp. (°F)	347
Press Cure/Post Cure	Press/Post
Cure Time (minutes)	15
Cure Temp. (°C)	120
Cure Temp. (°F)	248
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

"Recommended storage of this compound is at or below 90°F and in a dry area. If stored as recommended, KEG-2000-20 A & B will have a shelf life of at least 6 months from the date of shipment. "

Regulatory Testing

- Class VI
- FDA

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