

Product Description

Shin-Etsu KEG-2000-70 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-2000-70 is low enough to allow easy pumping through most injection molding systems.

Product Features

- High tear strength
- Rapid cure time at elevated temperature
- Long pot life at room temperature

Typical Applications

- O-Rings
- Diaphragms
- Capping
- RubberRollers
- Connectorpackaging
- Otherelectrical parts
- ClassVI certification

Packaging Information

- 88lb Pail Kit
- 880lb Drum Kit

Typical Properties

Type of HCR	LIMS
Viscosity A	1400
Viscosity B	1400
Durometer	70
Tensile Strength (psi)	1570
Elongation (%)	470
Specific Gravity	1.14
Tear Die B (ppi)	197
Compression Set (%)	18
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-2000-70 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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