

Shin-Etsu Silicones KEG-2001-70A/B Fast Curing LIMS Silicone Rubber

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Silicone , Silicone Rubber

Material Notes:

ShinEtsu KEG200170 is a very fast cure 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 KEG200170 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. Rubber rollers. Connector packings. Other electrical parts. Information Provided by Shin-Etsu Silicones of America, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shin-Etsu-Silicones-KEG-2001-70AB-Fast-Curing-LIMS-Silicone-Rubber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	
Tensile Strength at Break	10.2 MPa	1480 psi	
Elongation at Break	564 %	564 %	
Tear Strength	39.1 kN/m	223 pli	Die B
Compression Set	9.0 % @Temperature 180 Â°C, Time 79200 sec	9.0 % @Temperature 356 Â°F, Time 22.0 hour	

Processing Properties	Metric	English	Comments
Cure Time	5.00 min	0.0833 hour	
	240 min @Temperature 200 Â°C	4.00 hour @Temperature 392 Â°F	Post

Descriptive Properties	Value	Comments
Cure Type	Press Cure/Post Cure	

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