

Shin-Etsu Silicones KEG-2000-20A/B Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

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. It's viscosity is low enough to allow easy pumping through most injection molding systems. Features Rapid cure time at elevated temperature Long pot life at room temperature 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-2000-20AB-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	22	22	
Tensile Strength	6.21 MPa	900 psi	
Elongation at Yield	800 %	800 %	
100% Modulus	0.000345 GPa	0.0500 ksi	
Tear Strength	20.0 kN/m	114 pli	
Compression Set	6.0 % @Temperature 180 Â°C, Time 79200 sec	6.0 % @Temperature 356 Â°F, Time 22.0 hour	

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

Descriptive Properties	Value	Comments
Regulatory Testing	Class VI, FDA	

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