

Shin-Etsu Silicones SV-56000U High Strength Silicone Elastomer

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

Material Notes:

SV56000U is one of a series of silicone bases designed for applications requiring high strength. Product Features: Excellent mechanical properties. Typical Applications: Molding and Extrusion applications for a wide range of products. Information Provided by Shin-Etsu Silicones of America, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shin-Etsu-Silicones-SV-56000U-High-Strength-Silicone-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.18 g/cc	1.18 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	
Tensile Strength at Break	10.3 MPa	1500 psi	
Elongation at Break	550 %	550 %	
Tear Strength	36.8 kN/m	210 pli	Die B
Compression Set	15 % @Temperature 150 Â°C, Time 79200 sec	15 % @Temperature 302 Â°F, Time 22.0 hour	

Processing Properties	Metric	English	Comments
Cure Time	10.0 min	0.167 hour	

Descriptive Properties	Value	Comments
Cure Agent	DBPH	
Cure Type	Press Cure	

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