

Shin-Etsu Silicones SV-17500U Silicone Rubber

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

Material Notes:

SV17500U is one of a series of easy processing, silicone rubber bases. It can be used in a variety of applications requiring finishing by molding, extruding or calendaring. Product Features: This product can be blended with other ShinEtsu general purpose or no post cure bases for intermediate properties. The choice between these bases will depend on specific requirements..Typical Applications: Roll covers.Diaphragms.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-17500U-Silicone-Rubber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.23 g/cc	1.23 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75	75	
Tensile Strength at Break	9.93 MPa	1440 psi	
Elongation at Break	330 %	330 %	
100% Modulus	0.00293 GPa	0.425 ksi	
Tear Strength	21.6 kN/m	123 pli	Die B
Compression Set	22 % @Temperature 177 Â°C, Time 79200 sec	22 % @Temperature 351 Â°F, Time 22.0 hour	

Processing Properties	Metric	English	Comments
Cure Time	10.0 min	0.167 hour	
	240 min @Temperature 200 Â°C	4.00 hour @Temperature 392 Â°F	Post

Descriptive Properties	Value	Comments
Cure Agent	DBPH	
Cure Type	Press Cure	

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