

Shin-Etsu Silicones SV-13500U Silicone Rubber

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

Material Notes:

SV13500U is one of a series of easy processing, general purpose 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. This product can also be extended with extending fillers. 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-13500U-Silicone-Rubber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.12 g/cc	1.12 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	36	36	
Tensile Strength at Break	10.3 MPa	1500 psi	
Elongation at Break	890 %	890 %	
100% Modulus	0.000614 GPa	0.0890 ksi	
Tear Strength	26.3 kN/m	150 pli	Die B
Compression Set	24 % @Temperature 177 Â°C, Time 79200 sec	24 % @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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