

## Shin-Etsu Silicones SV-16000U Silicone Rubber

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

### Material Notes:

SV16000U is one of a series of easy processing, no post cure silicone rubber bases. It can be used in a variety of applications requiring finishing by molding, extruding or calendering. 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 other 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-16000U-Silicone-Rubber.php](http://www.lookpolymers.com/polymer_Shin-Etsu-Silicones-SV-16000U-Silicone-Rubber.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.19 g/cc	1.19 g/cc	DCBP Cure
	1.19 g/cc	1.19 g/cc	DBPH Cure

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	59	59	DCBP Cure
	62	62	DBPH Cure
Tensile Strength at Break	10.14 MPa	1471 psi	DCBP Cure
	10.3 MPa	1500 psi	DBPH Cure
Elongation at Break	377 %	377 %	DCBP Cure
	388 %	388 %	DBPH Cure
100% Modulus	0.000848 GPa	0.123 ksi	DCBP Cure
	0.000883 GPa	0.128 ksi	DBPH Cure
Compression Set	14 %	14 %	DCBP Cure
	@Temperature 177 Â°C, Time 79200 sec	@Temperature 351 Â°F, Time 22.0 hour	

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

Descriptive Properties	Value	Comments
Cure Agent	DBPH	
	DCBP	
Cure Type	Press Cure	

## Contact Songhan Plastic Technology Co.,Ltd.

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