

## Shin-Etsu Silicones SV-55000U High Strength Silicone Elastomer

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

### Material Notes:

SV55000U 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-55000U-High-Strength-Silicone-Elastomer.php](http://www.lookpolymers.com/polymer_Shin-Etsu-Silicones-SV-55000U-High-Strength-Silicone-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.16 g/cc	1.16 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	52	52	
Tensile Strength at Break	9.31 MPa	1350 psi	
Elongation at Break	550 %	550 %	
Tear Strength	33.3 kN/m	190 pli	Die B
Compression Set	16 % @Temperature 177 Â°C, Time 79200 sec	16 % @Temperature 351 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	

## Contact Songhan Plastic Technology Co.,Ltd.

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