



## SV-55000U

Shin-Etsu Silicones of America, Inc.  
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### Product Description

SV-55000U is one of a series of silicone bases designed for applications requiring high strength.

### Product Features

- Excellent mechanical properties.
- Good processability.

### Typical Applications

- Molding and extrusion applications for a wide range of products.

### Typical Properties

Type of HCR	High Strength
Cure Agent	DBPH Paste (33%)
Durometer	52
Tensile Strength (psi)	1350
Elongation (%)	550
Specific Gravity	1.16
Tear Die B (ppi)	190
Compression Set (%)	16
Comp. Set Time (hours)	22
Comp. Set Temp. (°C)	177
Comp. Set Temp. (°F)	350.6
Press Cure/Post Cure	Press
Cure Time (minutes)	10
Cure Temp. (°C)	170
Cure Temp. (°F)	338
Ratio of Catalyst to Material	1.2 : 100

*Note: Values are not for specification purposes.*

### Regulatory Testing

FDA CfR 177.2600

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