



SV-15000U

Shin-Etsu Silicones of America, Inc.
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Product Description

"SV-15000U 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 Shin-Etsu 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 filler.

Typical Applications

- Roll covers.
- Diaphragms.
- O-rings and gaskets.

Typical Properties

Type of HCR	General Purpose
Cure Agent	DBPH Paste (33%)
Durometer	51
Tensile Strength (psi)	1329
Elongation (%)	440
100% Modulus	201
Specific Gravity	1.13
Tear Die B (ppi)	88
Compression Set (%)	9
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)	177
Cure Temp. (°F)	350.6
Post Cure Time (hours)	4
Post Cure Temp. (°C)	200
Post Cure Temp. (°F)	392
Ratio of Catalyst to Material	1.2 : 100

Note: Values are not for specification purposes.

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