



SV-12000U

Shin-Etsu Silicones of America, Inc.
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Product Description

SV-12000U 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 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 extending fillers.

Typical Applications

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

Typical Properties

| | |
|-------------------------------|------------------|
| Type of HCR | General Purpose |
| Cure Agent | DBPH Paste (33%) |
| Durometer | 21 |
| Tensile Strength (psi) | 737 |
| Elongation (%) | 951 |
| 100% Modulus | 54 |
| Specific Gravity | 1.05 |
| Cure Time (minutes) | 10 |
| Cure Temp. (°C) | 171 |
| Cure Temp. (°F) | 339.8 |
| Ratio of Catalyst to Material | 1.2 : 100 |

Note: Values are not for specification purposes.

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