

## Shin-Etsu Silicones KE-951U Silicone Elastomer

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

### Material Notes:

KE951 U 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 (compression, injection, transfer).Product Features: Rubber contacts.Food packing.Industrial packing.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-KE-951U-Silicone-Elastomer.php](http://www.lookpolymers.com/polymer_Shin-Etsu-Silicones-KE-951U-Silicone-Elastomer.php)

| Physical Properties | Metric    | English   | Comments |
|---------------------|-----------|-----------|----------|
| Specific Gravity    | 1.15 g/cc | 1.15 g/cc |          |

| Mechanical Properties     | Metric                                          | English                                         | Comments |
|---------------------------|-------------------------------------------------|-------------------------------------------------|----------|
| Hardness, Shore A         | 50                                              | 50                                              |          |
| Tensile Strength at Break | 8.83 MPa                                        | 1280 psi                                        |          |
| Elongation at Break       | 350 %                                           | 350 %                                           |          |
| Tear Strength             | 12.6 kN/m                                       | 72.0 pli                                        | Die B    |
| Compression Set           | 10 %<br>@Temperature 149 Â°C,<br>Time 79200 sec | 10 %<br>@Temperature 300 Â°F,<br>Time 22.0 hour |          |

| Processing Properties | Metric                          | English                           | Comments |
|-----------------------|---------------------------------|-----------------------------------|----------|
| Cure Time             | 240 min<br>@Temperature 200 Â°C | 4.00 hour<br>@Temperature 392 Â°F | Post     |

| Descriptive Properties | Value     | Comments |
|------------------------|-----------|----------|
| Cure Agent             | DBPH      |          |
| Cure Type              | Post Cure |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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