

## Shin-Etsu Silicones KE-5006BU Low Temperature Silicone Elastomer

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

**Material Notes:**

ShinEtsu KE5006B U is a phenyl (PVMQ) silicone compound. This product is designed for good low temperature characteristics.Product

Features: A broad range of service temperatures from 100 to +260Â°C (148 to +500Â°F.)Typical Applications: Low temperature gaskets.Low temperature packing.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-5006BU-Low-Temperature-Silicone-Elastomer.php](http://www.lookpolymers.com/polymer_Shin-Etsu-Silicones-KE-5006BU-Low-Temperature-Silicone-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.19 g/cc	1.19 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	54	54	
Tensile Strength at Break	10.8 MPa	1560 psi	
Elongation at Break	570 %	570 %	
Tear Strength	31.6 kN/m	180 pli	Die B
Compression Set	28 % @Temperature 150 Â°C, Time 79200 sec	28 % @Temperature 302 Â°F, Time 22.0 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 Â°C	500 Â°F	
Minimum Service Temperature, Air	-100 Â°C	-148 Â°F	

Processing Properties	Metric	English	Comments
Cure Time	240 min @Temperature 150 Â°C	4.00 hour @Temperature 302 Â°F	Post

Descriptive Properties	Value	Comments
Cure Agent	DCBP	
Cure Type	Post Cure	

**Contact Songhan Plastic Technology Co.,Ltd.**

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