

Shin-Etsu Silicones KE-5006U PVMQ Silicone

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

Material Notes:

ShinEtsu KE5006 U is a phenyl (PVMQ) silicone product. 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-5006U-PVMQ-Silicone.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.18 g/cc	1.18 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55	55	
Tensile Strength at Break	11.0 MPa	1600 psi	
Elongation at Break	500 %	500 %	
Tear Strength	32.4 kN/m	185 pli	Die B
Compression Set	33 % @Temperature 150 Â°C, Time 252000 sec	33 % @Temperature 302 Â°F, Time 70.0 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	

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