

Shin-Etsu Silicones KE-5540U Low Temperature Silicone Elastomer

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

Material Notes:

ShinEtsu KE5540 U is a nominal 40 Durometer phenyl (PVMQ) base. Product Features: This material was designed for its excellent vibration dampening characteristics. Because of its phenyl content, it also has excellent low temperature characteristics. Typical Applications: Electronic CD mounts. Motor and engine mounts. 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-5540U-Low-Temperature-Silicone-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.23 g/cc	1.23 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	42	42	
Tensile Strength at Break	10.38 MPa	1505 psi	
Elongation at Break	720 %	720 %	
Tear Strength	38.6 kN/m	220 pli	Die B
Compression Set	9.0 % @Temperature 180 Â°C, Time 79200 sec	9.0 % @Temperature 356 Â°F, Time 22.0 hour	

Descriptive Properties	Value	Comments
Cure Agent	DBPH-50	
Cure Type	Press Cure	

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