

## Shin-Etsu Silicones KE-5550U Low Temperature Silicone Elastomer

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

**Material Notes:**

ShinEtsu KE5550 U is a nominal 50 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-5550U-Low-Temperature-Silicone-Elastomer.php](http://www.lookpolymers.com/polymer_Shin-Etsu-Silicones-KE-5550U-Low-Temperature-Silicone-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.25 g/cc	1.25 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50	50	
Tensile Strength at Break	9.804 MPa	1422 psi	
Elongation at Break	750 %	750 %	
Tear Strength	21.9 kN/m	125 pli	Die B
Compression Set	7.0 % @Temperature 180 Â°C, Time 79200 sec	7.0 % @Temperature 356 Â°F, Time 22.0 hour	

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

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

## Contact Songhan Plastic Technology Co.,Ltd.

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