

Shin-Etsu Silicones KE-9611U Silicone Elastomer

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

Material Notes:

KE9611 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: High fatigue durability. Typical Applications: Rubber contacts (keypads.) 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-9611U-Silicone-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	
Tensile Strength at Break	6.96 MPa	1010 psi	
Elongation at Break	210 %	210 %	
Tear Strength	6.84 kN/m	39.0 pli	Die B
Compression Set	3.1 % @Temperature 149 Â°C, Time 79200 sec	3.1 % @Temperature 300 Â°F, Time 22.0 hour	

Processing Properties	Metric	English	Comments
Cure Time	240 min @Temperature 205 Â°C	4.00 hour @Temperature 401 Â°F	Post

Descriptive Properties	Value	Comments
Cure Agent	DBPH	
Cure Type	Post Cure	

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