

Shin-Etsu Silicones KE-7022U Temperature Resistant Silicone Elastomer

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

Material Notes:

KE7022 U is intended for applications where excellent high heat resistance is required. Product Features: This product is intended for high temperature service as 55 ~+ 300 Â°C(67 ~ +570 Â°F). Typical Applications: PPC Rollers. 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-7022U-Temperature-Resistant-Silicone-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.29 g/cc	1.29 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	62	62	
Tensile Strength at Break	7.72 MPa	1120 psi	
Elongation at Break	275 %	275 %	
Tear Strength	11.4 kN/m	65.0 pli	Die B
Compression Set	7.0 % @Temperature 180 Â°C, Time 79200 sec	7.0 % @Temperature 356 Â°F, Time 22.0 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	300 Â°C	572 Â°F	

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	
Cure Type	Post Cure	

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