

Shin-Etsu Silicones KE-7021U Temperature Resistant Silicone Elastomer

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

Material Notes:

KE7021 U is intended for applications where excellent high heat resistance is required. Product Features: This product is intended for high temperature service as 55 ~ + 315 Â°C (67 ~ +600 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-7021U-Temperature-Resistant-Silicone-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 g/cc	1.24 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	52	52	
Tensile Strength at Break	6.00 MPa	870 psi	
Elongation at Break	250 %	250 %	
Tear Strength	9.82 kN/m	56.0 pli	Die B
Compression Set	5.0 % @Temperature 180 Â°C, Time 79200 sec	5.0 % @Temperature 356 Â°F, Time 22.0 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	315 Â°C	599 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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