

Shin-Etsu Silicones X-30-783U Silicone Elastomer

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

Material Notes:

ShinEtsu X30783 U is a phenyl (PVMQ) silicone product. This product is designed for good low temperature characteristics. Product

Features: A broad range of service temperatures from 100 to +260°C (148 to +500°F.) Typical Applications: Low temperature gaskets. Low temperature packing. Information Provided by Shin-Etsu Silicones of America, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shin-Etsu-Silicones-X-30-783U-Silicone-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.17 g/cc	1.17 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	48	48	
Tensile Strength at Break	12.94 MPa	1877 psi	
Elongation at Break	594 %	594 %	
Tear Strength	34.4 kN/m	196 pli	Die B
Compression Set	23 % @Temperature 180 °C, Time 252000 sec	23 % @Temperature 356 °F, Time 70.0 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 °C	500 °F	
Minimum Service Temperature, Air	-100 °C	-148 °F	

Descriptive Properties	Value	Comments
Cure Agent	DBPH	
Cure Type	Press Cure	

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