

Shin-Etsu Silicones X-30-1028U Low Temperature Silicone Elastomer

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

Material Notes:

ShinEtsu X301028U is a phenyl (PVMQ) silicone base. This product is designed for good low temperature characteristics. Product Features: A broad range of service temperatures from 100 to +260Â°C (148 to +500Â°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-30-1028U-Low-Temperature-Silicone-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.12 g/cc	1.12 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	31	31	
Tensile Strength at Break	10.78 MPa	1564 psi	
Elongation at Break	930 %	930 %	
Tear Strength	28.4 kN/m	162 pli	Die B
Compression Set	35 % @Temperature 150 Â°C, Time 79200 sec	35 % @Temperature 302 Â°F, Time 22.0 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 Â°C	500 Â°F	
Minimum Service Temperature, Air	-100 Â°C	-148 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-50	
Cure Type	Post Cure	

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