

Shin-Etsu Silicones KE-1223 Silicone, Potting/Encapsulation RTV

Category : Polymer , Thermoset , Silicone , Silicone, RTV, Encapsulation Grade

Material Notes:

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-1223-Silicone-PottingEncapsulation-RTV.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.24 g/cc	2.24 g/cc	
Viscosity	9000 cP	9000 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	76	76	
Tensile Strength	2.00 MPa	290 psi	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	1.10 W/m-K	7.63 BTU-in/hr-ft ² - °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	23.0 kV/mm	584 kV/in	
Dissipation Factor	0.0020 @Frequency 50.0 Hz	0.0020 @Frequency 50.0 Hz	

Processing Properties	Metric	English	Comments
Cure Time	60.0 min @Temperature 100 °C	1.00 hour @Temperature 212 °F	

Descriptive Properties	Value	Comments
Colors	White	
Mix Ratio By Weight	100:02	

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