

Shin-Etsu Silicones KE-109A/B 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-109AB-Silicone-PottingEncapsulation-RTV.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.02 g/cc	1.02 g/cc	
Viscosity	1000 cP	1000 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	25	25	
Tensile Strength at Break	1.50 MPa	218 psi	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.150 W/m-K	1.04 BTU-in/hr-ftÂ²-Â°F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	24.0 kV/mm	610 kV/in	
Dissipation Factor	0.00070 @Frequency 50.0 Hz	0.00070 @Frequency 50.0 Hz	

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

Descriptive Properties	Value	Comments
Colors	Clear	
Mix Ratio By Weight	1:01	

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