

Shin-Etsu Silicones KE-1204 A 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-1204-A-Silicone-PottingEncapsulation-RTV.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.54 g/cc	1.54 g/cc	
Viscosity	6000 cP	6000 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	
Tensile Strength at Break	3.50 MPa	508 psi	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.300 W/m-K	2.08 BTU-in/hr-ft ² - °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	27.0 kV/mm	686 kV/in	
Dissipation Factor	0.0010 @Frequency 50.0 Hz	0.0010 @Frequency 50.0 Hz	

Processing Properties	Metric	English	Comments
Cure Time	15.0 min @Temperature 100 °C	0.250 hour @Temperature 212 °F	

Descriptive Properties	Value	Comments
Colors	Black and Brown	
Mix Ratio By Weight	1:01	

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