

Shin-Etsu Silicones KE-3421 Silicone, RTV Conformal Coating

Category : Polymer , Thermoset , Silicone

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-3421-Silicone-RTV-Conformal-Coating.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.00 g/cc	1.00 g/cc	
Viscosity	250 cP	250 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	35	35	
Tensile Strength at Break	0.689 MPa	100 psi	
Shear Strength	0.207 MPa	30.0 psi	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.200 W/m-K	1.39 BTU-in/hr-ft ² - °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	25.0 kV/mm	635 kV/in	
Dissipation Factor	0.00010 @Frequency 60.0 Hz	0.00010 @Frequency 60.0 Hz	

Processing Properties	Metric	English	Comments
Cure Time	5.00 min	0.0833 hour	Tack Free Time
	4320 min @Temperature 23.0 °C	72.0 hour @Temperature 73.4 °F	50% RH

Descriptive Properties	Value	Comments
Colors	Transparent	

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