

Trelleborg Emerson & Cuming Stycast® 4640-25 Two-Component Silicone Flexible Encapsulant

Category : Polymer , Adhesive , Thermoset , Silicone

Material Notes:

Emerson & Cuming 4640-25 Stycast® Two-Component Silicone Flexible Encapsulant Description An RTV condensation cure. Pourable and room temperature curable. Features High Temperature Poor Chemical Resistance Filled Mix Ratio (by weight) = 100:0.4 Cure Type: Room Temp or Heat Bonding Type: Silicone

Order this product through the following link:

http://www.lookpolymers.com/polymer_Trelleborg-Emerson-Cuming-Stycast-4640-25-Two-Component-Silicone-Flexible-Encapsulant.php

Physical Properties	Metric	English	Comments
Density	0.750 g/cc	0.0271 lb/in ³	
Viscosity	45000 cP @Temperature 25.0 °C	45000 cP @Temperature 77.0 °F	Mixed

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 °C	500 °F	
Minimum Service Temperature, Air	-65.0 °C	-85.0 °F	

Electrical Properties	Metric	English	Comments
Dielectric Constant	2.0 @Frequency 1e+6 Hz	2.0 @Frequency 1e+6 Hz	
Dielectric Strength	9.84 kV/mm	250 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	240 - 360 min	4.00 - 6.00 hour	

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