

Trelleborg Emerson & Cuming Stycast® 2741-15 Two-Component Epoxy Flexible Encapsulant

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy Encapsulant, Unreinforced

Material Notes:

Emerson & Cuming 2741-15 Stycast® Two-Component Epoxy Flexible Encapsulant Description Electronic embedment and sealing of metals, ceramics, and plastics. Protection of stress sensitive components where shock and impact resistance are required. Typical applications include transformers, motors, coils, and other electrical devices. Features Good Chemical Resistance Filled Mix Ratio (by weight) = 100:150 Cure Type: Room Temp or Heat Bonding Type: Epoxy

Order this product through the following link:

http://www.lookpolymers.com/polymer_Trelleborg-Emerson-Cuming-Stycast-2741-15-Two-Component-Epoxy-Flexible-Encapsulant.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	
Viscosity	36000 cP @Temperature 25.0 °C	36000 cP @Temperature 77.0 °F	Mixed

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.350 W/m-K	2.43 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	65.0 °C	149 °F	
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	
Glass Transition Temp, Tg	11.0 °C	51.8 °F	

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.3 @Frequency 1e+6 Hz	3.3 @Frequency 1e+6 Hz	
Dielectric Strength	13.8 kV/mm	350 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	120 - 240 min	2.00 - 4.00 hour	

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