

Trelleborg Emerson & Cuming Stycast® XT-1169 Two-Component Epoxy High Service Temp Encapsulant

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

Material Notes:

Features and Typical Applications Ability to withstand high temperatures, thermal shock, and chemical exposure. These products are designed for heat generating electronic devices which operate in harsh environments. Typical applications include sensors, transformers, power supplies, and rectifiers. Emerson & Cuming XT-1169 Stycast® Two-Component Epoxy High Service Temp Encapsulant Low Viscosity Good Chemical Resistance Filled Mix Ratio by Weight = 100:80 Cure Type: Heat Bonding Type: Epoxy

Order this product through the following link:

http://www.lookpolymers.com/polymer_Trelleborg-Emerson-Cuming-Stycast-XT-1169-Two-Component-Epoxy-High-Service-Temp-Encapsulant.php

Physical Properties	Metric	English	Comments
Density	1.44 g/cc	0.0520 lb/in ³	
Viscosity	7300 cP @Temperature 25.0 °C	7300 cP @Temperature 77.0 °F	Mixed

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	

Thermal Properties	Metric	English	Comments
CTE, linear	40.0 µm/m-°C @Temperature 20.0 °C	22.2 µin/in-°F @Temperature 68.0 °F	
Thermal Conductivity	0.400 W/m-K	2.78 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	155 °C	311 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.6 @Frequency 1e+6 Hz	3.6 @Frequency 1e+6 Hz	

Processing Properties	Metric	English	Comments
Cure Time	>= 120 min	>= 2.00 hour	

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