

Trelleborg Emerson & Cuming Stycast® XT-5038-9 Two-Component Epoxy Flame Retardant Encapsulant

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

Material Notes:

Features and Typical Applications Provide flame resistance down to 1/8 of an inch. These products also offer various other features such as thermal shock protection, low viscosity, and thermal conductivity. Typical applications include a wide range of electrical components such as capacitors and transformers. Emerson & Cuming XT-5038-9 Stycast® Two-Component Epoxy Flame Retardant Encapsulant Good Chemical Resistance Low Viscosity Mix Ratio by Weight = 100:11 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-XT-5038-9-Two-Component-Epoxy-Flame-Retardant-Encapsulant.php

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in ³	
Viscosity	1600 cP	1600 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	85	85	

Thermal Properties	Metric	English	Comments
CTE, linear	146 µm/m-°C	81.1 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Maximum Service Temperature, Air	130 °C	266 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	
Glass Transition Temp, Tg	59.0 °C	138 °F	

Electrical Properties	Metric	English	Comments
Dielectric Constant	4.0	4.0	
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	

Processing Properties	Metric	English	Comments
Cure Time	>= 30.0 min	>= 0.500 hour	

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