

Trelleborg Emerson & Cuming Stycast® XT-1122 Two-Component Epoxy Flexible Encapsulant

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

Material Notes:

Emerson & Cuming XT-1122 Stycast® Two-Component Epoxy Flexible Encapsulant Heat, thermal shock and impact resistance. Good chemical resistance, Low Viscosity, Unfilled. Mix Ratio (by weight) = 100:66.7 Cure Type: Heat Bonding Type: Epoxy

Order this product through the following link:

http://www.lookpolymers.com/polymer_Trelleborg-Emerson-Cuming-Stycast-XT-1122-Two-Component-Epoxy-Flexible-Encapsulant.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	
Viscosity	1000 cP @Temperature 25.0 °C	1000 cP @Temperature 77.0 °F	Mixed

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	45	45	

Thermal Properties	Metric	English	Comments
CTE, linear	60.0 µm/m-°C @Temperature 20.0 °C	33.3 µin/in-°F @Temperature 68.0 °F	
Thermal Conductivity	0.290 W/m-K	2.01 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	155 °C	311 °F	
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.2 @Frequency 1e+6 Hz	3.2 @Frequency 1e+6 Hz	
Dielectric Strength	14.2 kV/mm	360 kV/in	

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

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