

Trelleborg Emerson & Cuming Stycast® G-508-1 One-Component Epoxy Flame Retardant Encapsulant

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

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 G-508-1 Stycast® One-Component Epoxy Flame Retardant Encapsulant Thermally Conductive Good Chemical Resistance High Temperature Cure Type: Heat Bonding Type: Epoxy

Order this product through the following link:

http://www.lookpolymers.com/polymer_Trelleborg-Emerson-Cuming-Stycast-G-508-1-One-Component-Epoxy-Flame-Retardant-Encapsulant.php

Physical Properties	Metric	English	Comments
Density	1.55 g/cc	0.0560 lb/in ³	
Viscosity	20000 cP	20000 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	85	85	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.600 W/m-K	4.16 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	180 °C	356 °F	
Minimum Service Temperature, Air	-20.0 °C	-4.00 °F	

Processing Properties	Metric	English	Comments
Cure Time	>= 12.0 min	>= 0.200 hour	

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