

Trelleborg Emerson & Cuming Stycast® 2651-1 One-Component Epoxy High Service Temp Encapsulant

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

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 2651-1 Stycast® One-Component Epoxy High Service Temp Encapsulant Thermally Conductive Good Chemical Resistance Filled Cure Type: Heat Bonding Type: Epoxy

Order this product through the following link:

http://www.lookpolymers.com/polymer_Trelleborg-Emerson-Cuming-Stycast-2651-1-One-Component-Epoxy-High-Service-Temp-Encapsulant.php

Physical Properties	Metric	English	Comments
Density	1.60 g/cc	0.0578 lb/in ³	
Viscosity	52000 cP @Temperature 25.0 °C	52000 cP @Temperature 77.0 °F	Mixed

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	88	88	

Thermal Properties	Metric	English	Comments
CTE, linear	45.0 µm/m-°C @Temperature 20.0 °C	25.0 µin/in-°F @Temperature 68.0 °F	
Thermal Conductivity	0.580 W/m-K	4.03 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	3.7 @Frequency 1e+6 Hz	3.7 @Frequency 1e+6 Hz	

Processing Properties	Metric	English	Comments
Cure Time	>= 240 min	>= 4.00 hour	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China