

Trelleborg Emerson & Cuming Stycast® 2057/9 Two-Component General Purpose Encapsulant

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

Material Notes:

Features and Typical Applications: Designed as general purpose encapsulants, these products offer a wide range of features including thermal conductivity, mechanical shock and impact resistance, as well as thermal shock protection. Emerson & Cuming 2057/9 Stycast® Two-Component General Purpose Encapsulant Good Chemical Resistance Filled Low viscosity Mix Ratio by Weight = 100:6.5 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-20579-Two-Component-General-Purpose-Encapsulant.php

Physical Properties	Metric	English	Comments
Density	1.54 g/cc	0.0556 lb/in ³	
Viscosity	4000 cP @Temperature 25.0 °C	4000 cP @Temperature 77.0 °F	Mixed

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	85	85	

Thermal Properties	Metric	English	Comments
CTE, linear	50.0 µm/m-°C @Temperature 20.0 °C	27.8 µin/in-°F @Temperature 68.0 °F	
Maximum Service Temperature, Air	130 °C	266 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

Electrical Properties	Metric	English	Comments
Dielectric Constant	4.2 @Frequency 1e+6 Hz	4.2 @Frequency 1e+6 Hz	
Dielectric Strength	15.7 kV/mm	400 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	60.0 - 120 min	1.00 - 2.00 hour	

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