

Trelleborg Emerson & Cuming Stycast® 2072 Two-Component Easy Mix Ratio Encapsulant

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

Material Notes:

Features and Typical Applications Primarily designed for ease of use in either meter mix or manual dispense operations. These products also offer a wide range of features including heat dissipation, thermal and mechanical shock resistance, and thermal conductivity. Emerson & Cuming 2072 Stycast® Two-Component Easy Mix Ratio Encapsulant Mix Ratio by weight = 100:50 Good Chemical Resistance Low Viscosity 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-2072-Two-Component-Easy-Mix-Ratio-Encapsulant.php

Physical Properties	Metric	English	Comments
Density	1.60 g/cc	0.0578 lb/in ³	
Viscosity	8000 cP @Temperature 25.0 °C	8000 cP @Temperature 77.0 °F	Mixed

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	89	89	

Thermal Properties	Metric	English	Comments
CTE, linear	61.0 µm/m-°C @Temperature 20.0 °C	33.9 µin/in-°F @Temperature 68.0 °F	
Thermal Conductivity	0.420 W/m-K	2.91 BTU-in/hr-ft ² -°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	120 - 240 min	2.00 - 4.00 hour	

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