

Trelleborg Emerson & Cuming Stycast® 1497 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 1497 Stycast® Two-Component Easy Mix Ratio Encapsulant Mix Ratio by weight = 100:100 Good Chemical Resistance Thermally Conductive High temperature Cure Type: Heat Bonding Type: Epoxy

Order this product through the following link:

http://www.lookpolymers.com/polymer_Trelleborg-Emerson-Cuming-Stycast-1497-Two-Component-Easy-Mix-Ratio-Encapsulant.php

Physical Properties	Metric	English	Comments
Density	1.70 g/cc	0.0614 lb/in ³	
Viscosity	150000 cP @Temperature 25.0 °C	150000 cP @Temperature 77.0 °F	Mixed

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.680 W/m-K	4.72 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	155 °C	311 °F	
Minimum Service Temperature, Air	-65.0 °C	-85.0 °F	

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.6 @Frequency 1e+6 Hz	3.6 @Frequency 1e+6 Hz	
Dielectric Strength	16.7 kV/mm	425 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	720 - 960 min	12.0 - 16.0 hour	

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