

Trelleborg Emerson & Cuming Stycast® E1410 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 E1410 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-E1410-Two-Component-Easy-Mix-Ratio-Encapsulant.php

Physical Properties	Metric	English	Comments
Density	1.80 g/cc	0.0650 lb/in ³	
Viscosity	35000 cP @Temperature 25.0 °C	35000 cP @Temperature 77.0 °F	Mixed

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	94	94	

Thermal Properties	Metric	English	Comments
CTE, linear	106 µm/m-°C @Temperature 20.0 °C	58.9 µin/in-°F @Temperature 68.0 °F	
Thermal Conductivity	0.570 W/m-K	3.96 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	175 °C	347 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

Electrical Properties	Metric	English	Comments
Dielectric Constant	4.0 @Frequency 1e+6 Hz	4.0 @Frequency 1e+6 Hz	

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