

Trelleborg Emerson & Cuming Stycast® 3180M 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 3180M Stycast® Two-Component Easy Mix Ratio Encapsulant Mix Ratio by weight = 100:100 Good Chemical Resistance 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-3180M-Two-Component-Easy-Mix-Ratio-Encapsulant.php

Physical Properties	Metric	English	Comments
Density	1.62 g/cc	0.0585 lb/in³	
Viscosity	15000 cP @Temperature 25.0 °C	15000 cP @Temperature 77.0 °F	Mixed

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.400 W/m-K	2.78 BTU-in/hr-ft²-°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	4.0 @Frequency 1e+6 Hz	4.0 @Frequency 1e+6 Hz	
Dielectric Strength	16.9 kV/mm	430 kV/in	

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