

Trelleborg Emerson & Cuming Stycast® 5952 Two-Component Easy Mix Ratio Encapsulant

Category : Polymer , Adhesive , Thermoset , Silicone , Silicone, RTV, Adhesive/Sealant Grade

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 5952 Stycast® Two-Component Easy Mix Ratio Encapsulant Mix Ratio by weight = 100:100 Poor Chemical Resistance Filled Thermally Conductive High temperature Cure Type: Room Temp or Heat Bonding Type: Silicone

Order this product through the following link:

http://www.lookpolymers.com/polymer_Trelleborg-Emerson-Cuming-Stycast-5952-Two-Component-Easy-Mix-Ratio-Encapsulant.php

Physical Properties	Metric	English	Comments
Density	2.05 g/cc	0.0741 lb/in ³	
Viscosity	40000 cP @Temperature 25.0 °C	40000 cP @Temperature 77.0 °F	Mixed

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75	75	

Thermal Properties	Metric	English	Comments
CTE, linear	200 µm/m-°C @Temperature 20.0 °C	111 µin/in-°F @Temperature 68.0 °F	
Thermal Conductivity	0.850 W/m-K	5.90 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	260 °C	500 °F	
Minimum Service Temperature, Air	-65.0 °C	-85.0 °F	

Electrical Properties	Metric	English	Comments
Dielectric Constant	5.0 @Frequency 1e+6 Hz	5.0 @Frequency 1e+6 Hz	
Dielectric Strength	17.7 kV/mm	450 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	>= 20.0 min	>= 0.333 hour	

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