

## Trelleborg Emerson & Cuming Stycast® 2651-40/23LV Two-Component General Purpose Encapsulant

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

### Material Notes:

**Features and Typical Applications:** Designed as general purpose encapsulants, these products offer a wide range of features including thermal conductivity, mechanical shock and impact resistance, as well as thermal shock protection. Emerson & Cuming 2651-40/23LV Stycast® Two-Component General Purpose Encapsulant Good Chemical Resistance Filled Low viscosity Thermally conductive Mix Ratio by Weight = 100:18 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-2651-4023LV-Two-Component-General-Purpose-Encapsulant.php](http://www.lookpolymers.com/polymer_Trelleborg-Emerson-Cuming-Stycast-2651-4023LV-Two-Component-General-Purpose-Encapsulant.php)

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in <sup>3</sup>	
Viscosity	2200 cP @Temperature 25.0 °C	2200 cP @Temperature 77.0 °F	Mixed

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	85	85	

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	0.550 W/m-K	3.82 BTU-in/hr-ft <sup>2</sup> -°F	
Maximum Service Temperature, Air	105 °C	221 °F	
Minimum Service Temperature, Air	-65.0 °C	-85.0 °F	

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.8 @Frequency 1e+6 Hz	3.8 @Frequency 1e+6 Hz	
Dielectric Strength	17.7 kV/mm	450 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	120 - 240 min	2.00 - 4.00 hour	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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