

## Trelleborg Emerson & Cuming Stycast® 2754 Two-Component Epoxy Flexible Low-Stress Encapsulant

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

### Material Notes:

Emerson & Cuming 2754 Stycast® Two-Component Epoxy Flexible Low-Stress Encapsulant Description Electronic embedment and sealing of metals, ceramics, and plastics. Protection of stress sensitive components where shock and impact resistance are required. Typical applications include transformers, motors, coils, and other electrical devices Features Thermally Conductive Good Chemical Resistance Filled Mix Ratio (by weight) = 100:40 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-2754-Two-Component-Epoxy-Flexible-Low-Stress-Encapsulant.php](http://www.lookpolymers.com/polymer_Trelleborg-Emerson-Cuming-Stycast-2754-Two-Component-Epoxy-Flexible-Low-Stress-Encapsulant.php)

Physical Properties	Metric	English	Comments
Density	1.53 g/cc	0.0553 lb/in <sup>3</sup>	
Viscosity	24000 cP @Temperature 25.0 °C	24000 cP @Temperature 77.0 °F	Mixed

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.630 W/m-K	4.37 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	4.9 @Frequency 1e+6 Hz	4.9 @Frequency 1e+6 Hz	
Dielectric Strength	17.7 kV/mm	450 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	>= 120 min	>= 2.00 hour	

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

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