

Thermoset Plastics SC-139

Silicone

Thermoset, Lord Chemical Products

Message:

Thermoset Plastics SC-139 is a Silicone material. It is available in North America for casting or encapsulating. Primary attribute of Thermoset Plastics SC-139: Insulating.
Typical application of Thermoset Plastics SC-139: Wire & Cable

General Information	
Features	Electrically Insulating
	Self Healing
Uses	Electronic Insulation
Appearance	Clear/Transparent
Forms	Gel
Processing Method	Casting
	Encapsulating

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.978	g/cm ³	ASTM D792
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow	1.4E-3	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	2.3E+15	ohms·cm	ASTM D257
Dielectric Constant			ASTM D150
	100 Hz	2.95	
	100 kHz	2.95	
Dissipation Factor			ASTM D150
	100 Hz	2.6E-3	
	100 kHz	2.0E-4	
Thermoset	Nominal Value	Unit	Test Method

Thermoset Components			
Hardener	Mix Ratio by Weight: 1.0		
Resin	Mix Ratio by Weight: 1.0		
Thermoset Mix Viscosity (25°C)	900	cP	ASTM D2393
Demold Time (80°C)	10	min	

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Recommended distributors for this material

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