

# Thermoset Plastics SC-113

Silicone

Thermoset, Lord Chemical Products

Message:

Thermoset Plastics SC-113 is a Silicone material. It is available in North America for casting, coating, or encapsulating.

Important attributes of Thermoset Plastics SC-113 are:

Conductive

Insulating

Typical applications include:

Coating Applications

Sealing Applications

Wire & Cable

General Information			
Features	Electrically Insulating		
	Thermally Conductive		
Uses	Coating Applications		
	Electronic Insulation		
	Sealants		
Appearance	Grey		
Forms	Liquid		
Processing Method	Casting		
	Coating		
	Encapsulating		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.908	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	27		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	2.34	MPa	ASTM D638
Tensile Elongation (Yield)	520	%	ASTM D638
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.6E+15	ohms · cm	ASTM D257
Dielectric Constant			ASTM D150
100 Hz	2.84		
100 kHz	2.91		
Dissipation Factor			ASTM D150
100 Hz	1.6E-3		
100 kHz	2.1E-3		

Thermoset	Nominal Value	Unit	Test Method
Shelf Life (25°C)	26	wk	
Thermoset Mix Viscosity (25°C)	35000	cP	ASTM D2393
Demold Time (25°C)	1400	min	

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#### Recommended distributors for this material

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