

# Epic Epoxy S7397-01

Epoxy; Epoxide

Epic Resins

## Message:

Epic S7397-01 is a two component electrical potting grade epoxy resin. S7397-01 is designed with a convenient 1 :1 by weight or volume mix ratio along with a long gel time and slow cure. S7397-01 provides a blush free surface and is UL 94 V-0 recognized. S7397-01 is a slightly thicker version of S7397 that is more stable over long periods of storage.

General Information			
Uses	Electrical/Electronic Applications		
	Electronic Insulation		
Processing Method	Encapsulating		
	Potting		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.60 to 1.64	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 25°C)	70 to 72		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	24.0 to 28.0	°C	ASTM E1356
CLTE - Flow	6.5E-5 to 7.5E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+13 to 2.0E+13	ohms·cm	ASTM D257
Dielectric Strength (2.79 mm)	24	kV/mm	ASTM D149
Dielectric Constant (100 kHz)	4.00 to 4.20		ASTM D2520
Dissipation Factor (100 kHz)	0.030 to 0.050		ASTM D150
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
	Mix Ratio by Volume: 1.0		
Part A	Mix Ratio by Weight: 1.0		
	Mix Ratio by Volume: 1.0		
Part B	Mix Ratio by Weight: 1.0		
Pot Life <sup>1</sup> (25°C)	180 to 250	min	
Thermoset Mix Viscosity (25°C)	12000 to 16000	cP	ASTM D2393
NOTE			

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#### Recommended distributors for this material

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