

Epic Epoxy 0156

Epoxy; Epoxide

Epic Resins

Message:

Epic 0156 is a single component 100% solids epoxy resin system designed for impregnation of coils, transformers, motors and other electrical items that require insulating. 0156 has outstanding shelf stability, excellent chemical resistance and good electrical properties.

General Information	
Features	Good Chemical Resistance
	Good Electrical Properties
Uses	Electrical/Electronic Applications
	Electronic Insulation
	Impregnation Applications
RoHS Compliance	RoHS Compliant
Processing Method	Encapsulating
	Potting

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.54 to 1.57	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 25°C)	80 to 86		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	80.0 to 84.0	°C	ASTM E1356
CLTE - Flow	2.0E-5 to 2.2E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	6.0E+12 to 1.0E+13	ohms · cm	ASTM D257
Dielectric Strength (3.18 mm)	14 to 16	kV/mm	ASTM D149
Dielectric Constant (100 kHz)	3.90 to 4.20		ASTM D2520
Dissipation Factor (100 kHz)	8.0E-3 to 0.012		ASTM D150
Thermoset	Nominal Value	Unit	Test Method
Pot Life (145°C)	14 to 19	min	
Thermoset Mix Viscosity (25°C)	100000 to 140000	cP	ASTM D2393

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