

Epic Urethane S7485

Polyurethane

Epic Resins

Message:

Two Component Polyurethane
Epic S7485 is a high performance electrical potting compound. With its high thermal conductivity, excellent electrical properties and low weight loss at elevated temperature, Epic S7485 is suitable for use in high heat generating assemblies.

General Information	
Features	Good Electrical Properties Medium Heat Resistance Thermally Conductive
Uses	Electrical/Electronic Applications LEDs
Processing Method	Encapsulating Potting

Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	85 to 90		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-25.0 to -21.0	°C	ASTM E1356
CLTE - Flow	1.2E-4	cm/cm/°C	ASTM D696
Thermal Conductivity	2.5 to 2.6	W/m/K	ASTM C177
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Part A	Mix Ratio by Volume: 100		
Part B	Mix Ratio by Volume: 14		
Thermoset Mix Viscosity (25°C)	30000 to 35000	cP	ASTM D2393

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