

# Epic Urethane S7475

Polyurethane

Epic Resins

## Message:

Two Component Polyurethane  
This premium, RoHS compliant polyurethane potting compound is UL94 V-0 recognized at 4.8 mm. its low mixed viscosity allows it to flow under PCB's and into tight tolerance areas. With a very soft durometer and low weight loss at elevated temperatures, Epic S7475 is suited for applications that will see constant thermocycling.

General Information			
Features	Low Hardness		
	Low Viscosity		
Uses	LEDs		
RoHS Compliance	RoHS Compliant		
Processing Method	Encapsulating		
	Potting		

Hardness	Nominal Value		Test Method
Durometer Hardness (Shore OO)	50 to 65		ASTM D2240

Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-56.0 to -52.0	°C	ASTM E1356
CLTE - Flow	3.6E-4	cm/cm/°C	ASTM D696
Thermal Conductivity	0.33	W/m/K	ASTM C177

Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Part A	Mix Ratio by Volume: 4.0		
Part B	Mix Ratio by Volume: 1.0		
Thermoset Mix Viscosity (25°C)	1500 to 2500	cP	ASTM D2393

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