

Epic Urethane S7492

Polyurethane

Epic Resins

Message:

Two Component Polyurethane
Epic S7492 is transparent and is UL94 V-2 recognized for use in applications that require a flame retardant encapsulant. With its low hardness, Epic S7492 is useful in assemblies that will see thermal cycling and thermal shock events.

General Information			
Features	Flame Retardant		
	Good Thermal Shock Resistance		
	Low Hardness		
Uses	LEDs		
Appearance	Clear/Transparent		
Processing Method	Encapsulating		
	Potting		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	45 to 50		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-12.0 to -8.00	°C	ASTM E1356
CLTE - Flow	1.7E-4	cm/cm/°C	ASTM D696
Thermal Conductivity	0.17 to 0.18	W/m/K	ASTM C177
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Part A	Mix Ratio by Volume: 43		
Part B	Mix Ratio by Volume: 100		
Thermoset Mix Viscosity ¹ (25°C)	320 to 370	cP	ASTM D2393
NOTE			
1.	600 RPM		

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