

Epic Urethane S7478

Polyurethane

Epic Resins

Message:

Two Component Polyurethane
Epic S7478 is a flexible polyurethane that is also thermally conductive. It is UL94 V-0 recognized in cross sections as thin as 3 mm and with its superior UL RTI rating, Epic S7478 is useful in applications that generate a significant amount of heat.

General Information			
Features	Good Flexibility		
	High Heat Resistance		
	Thermally Conductive		
Uses	LEDs		
Processing Method	Encapsulating		
	Potting		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	75 to 80		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-10.0 to -5.00	°C	ASTM E1356
CLTE - Flow	1.8E-4 to 2.0E-4	cm/cm/°C	ASTM D696
Thermal Conductivity	0.76 to 0.77	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: 12		
Thermoset Mix Viscosity ¹ (25°C)	5000 to 7000	cP	ASTM D2393
NOTE			
1.	20 RPM		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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