

Epic Urethane S7515

Polyurethane

Epic Resins

Message:

Two Component Polyurethane

Epic S7515 is a crystal clear encapsulant that has exceptional UV resistance. With its low mixed viscosity, Epic S7515 can flow into intricate and tight tolerance locations. Epic S7515 also has a short gel time, allowing for quick turnover of parts in high volume production settings.

General Information			
Features	Fast Gel		
	Good UV Resistance		
	Low Viscosity		
Uses	LEDs		
Appearance	Clear/Transparent		
Processing Method	Encapsulating		
	Potting		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore D)	30 to 35		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	25.0 to 30.0	°C	ASTM E1356
CLTE - Flow	2.0E-4 to 2.5E-4	cm/cm/°C	ASTM D696
Thermal Conductivity	0.25 to 0.26	W/m/K	ASTM C177
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Part A	Mix Ratio by Volume: 1.0		
Part B	Mix Ratio by Volume: 1.0		
Thermoset Mix Viscosity ¹ (25°C)	500 to 700	cP	ASTM D2393
NOTE			
1.	20 RPM		

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Recommended distributors for this material

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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