

## FR480 - ELECTRO INSULATING RESIN

Eli-Cast FR480 A slow setting two component, ambient temperature curing Epoxy casting Resin very low shrinkage, excellent dielectrics strength, low heat development, resistant to corrosion.

### Suggested applications.

PCB Encapsulation - Electronic components - Encapsulation/Potting - Transformers - Mechanical protection.

### Mixing and Application

<b>APPLICATION:</b>	By pouring	
<b>VISCOSITY / 25°C:</b>	Pourable, free flowing liquid	
	Resin: 9 500 – 10 000 mPa.s	
	Hardener: 350 – 400 mPa.s	
<b>COLOUR:</b>	Resin: Black	
	Hardener: Clear Brownish	
	Mixed: Black	
<b>MIXING RATIO:</b>	<b>By Weight:</b>	<b>By Volume:</b>
	100 parts of Resin	100 ccs of Resin
	20 parts of Hardener	28 ccs of Hardener
<b>SPECIFIC GRAVITY / 25°C:</b>	Resin: 1.6 – 1.65 g/cm <sup>3</sup>	
	Hardener: 0.9 – 1.0 g/cm <sup>3</sup>	
	Mixed Resin: 1.45 g/cm <sup>3</sup>	
<b>PACKAGING:</b>	2.25kg	

Technical data sheets & MSDS available on request

**MAXIMUM  
OPERATING  
TEMP**



**75°C**

**WORK TIME  
/ POT LIFE**



**50 min**

**GEL  
TIME**



**1½ - 2 Hours**

**SETTING  
TIME**



**4 – 4½ Hours**