

FR453 - ELECTRICAL INSULATING RESIN

Eli-Cast FR/453 is a filler extended two-part Polyurethane Resin, very low shrinkage, low heat development, good dielectric strength, and good impact resistance.

Suggested applications.

PCB Encapsulation - Electronic components - Encapsulation/Potting - Transformers - Switchgear - Ballast lighting.

Mixing and Application

APPLICATION:	By casting	
VISCOSITY / 25°C:	Resin: 6 000 – 7 000 mPa.s	
	Hardener: 200 – 240 mPa.s	
	Mixed: 2 500 – 3 000 mPa.s	
COLOUR:	Resin: Electro Brown	
	Hardener: Brownish clear	
	Mixed: Electro Brown	
MIXING RATIO:	By Weight:	By Volume:
	100 parts of Resin	100 ccs of Resin
	25-26 parts of Hardener	34-35 parts of Hardener
SPECIFIC GRAVITY / 25°C:	Resin: 1.65 g/cm ³	
	Hardener: 1.20 g/cm ³	
PACKAGING:	250g; 500g; 750g; 30kg	

Technical data sheets & MSDS available on request

**MAXIMUM
OPERATING
TEMP**



80°C

**WORK TIME
/ POT LIFE**



30 min

**GEL
TIME**



30-40 min

**SETTING
TIME**



**1 – 1¼
Hours**