



FR974C1 - CASTING RESIN 'SEMI FLEXIBLE'

Eli-Cast FR974/C1 is a White, filler extended Polyurethane Resin with excellent impact resistance and exceptional low shrinkage, good dielectric strength, impact resistance.

Suggested Applications.

PCB Encapsulation – Electronic Components Encapsulations/Potting - Switchgear - Mechanical protection

Mixing and Application

APPLICATION:	Casting	
VISCOSITY / 25°C:	Resin: 5 500 – 6 000 mPa.s	
	Hardener: 160 – 240 mPa.s	
	Mixed Resin: 3 500 – 4 000 mPa.s	
COLOUR:	Resin: White	
	Hardener: Brown	
	Mixed Colour: Beige	
MIXING RATIO:	By Weight:	By Volume:
	100 parts of Resin	100 ccs of Resin
	19 parts of Hardener	22 ccs of Hardener
SPECIFIC GRAVITY / 25°C:	Resin: 1.5 – 1.55 g/cm ³	
	Hardener: 1.22 – 1.24 g/cm ³	
	Mixed Resin: 1.45 – 1.5 g/cm ³	
PACKAGING:	250g; 500g; 750g	

Technical data sheets & MSDS available on request

MAXIMUM OPERATING TEMP



60°C

WORK TIME / POT LIFE



15 - 20 min

GEL TIME



25 - 30 min

SETTING TIME



1 Hour