



FR859LV FLAME RETARDANT ELECTRO INSULATING RESIN

ThermoFight FR859LV A rigid, flame-retardant filler extended electro insulating Epoxy Resin excellent dielectric strength, excellent chemical resistance.

Suggested Applications.

PCB Encapsulation – Electronic Components Encapsulations/Potting - Transformers – Core/Coil Impregnation – Armature winders - Mechanical protection

Mixing and Application

APPLICATION:	By casting	
VISCOSITY / 25°C:	Resin: 15 000 – 20 000 mPa.s	
	Hardener: 2 000 – 2 500 mPa.s	
	Mixed Resin: 6 000 – 7 500 mPa.s	
COLOUR:	Resin: Pale Blue	
	Hardener: Clear Amber	
	Mixed Colour: Pale Blue	
MIXING RATIO:	By Weight:	By Volume:
	100 parts of Resin	100 ccs of Resin
	17 parts of Hardener	28 ccs of Hardener
SPECIFIC GRAVITY / 25°C:	Resin 1.65 - 1.7g/cm ³	
	Hardener 1.0 - 1.1g/cm ³	
	Mixed Resin: 1.50 – 1.61 g/cm ³	
PACKAGING:	250g; 500g; 30kg	

Technical data sheets & MSDS available on request

MAXIMUM
OPERATING
TEMP



70°C

WORK TIME
/ POT LIFE



20 - 30 min

GEL
TIME



30 - 40 min

SETTING
TIME



45 - 50 min