

**ELI-CAST FR/64  
CASTING RESIN CLEAR**

PRODUCT	A clear, transparent, casting resin of particular low viscosity
DESCRIPTION	A two pack, ambient temperature curing, Epoxy Casting Resin
APPLICATION	Casting by hand or dispensing equipment
VISCOSITY OF RESIN / 25°C	10000 - 12000 mPa.s
VISCOSITY OF HARDENER / 25°C	180 mPa.s
MIXING RATIO	By Weight:       100 Parts of Resin 100 Parts of Hardener  By Volume:        100 ccs of Resin 100 ccs of Hardener
COLOUR OF RESIN	Clear Transparent
COLOUR OF HARDENER	Clear Transparent
SPECIFIC GRAVITY / 25°C	Resin:             1.1 – 1.15 g/cm <sup>3</sup> Hardener:        1.0 – 1.1 g/cm <sup>3</sup>
POTLIFE (300g mix / 25°C)	2 ½ - 3 Hours
GELTIME (300g mix / 25°C)	3¼ - 3½ Hours
SETTING TIME (300g mix / 25°C)	12 Hours
HARDNESS AFTER 24 HOURS CURE / 25°C	Shore A 35
HARDNESS AFTER 14 DAYS CURE / 25°C	Shore D 53 – 55
MECHANICAL PROPERTIES (Cured 24 Hours at ambient temperature)	+ 2 Hours / 50°C – 60°C
PROPERTIES AND USES	The outstanding properties of the Eli-Cast FR/64 casting Resin can be summarised as follows -  Low viscosity - excellent penetration and air release properties  Low shrinkage - long potlife, transparency of cast Good mechanical and electrical properties

STORAGE STABILITY

Dry and cool conditions in sealed packaging: 12 months

TOXICITY

Non-toxic at ambient temperatures, very low skin irritation potential. However, gloves should be worn and adequate ventilation must be ensured during application.

NOTICE

The technical specification and/or our technical advice whether verbal, in writing or by trials is given in good faith and based on our test results obtained but without warranty. It does not release the user from the obligation to test the products supplied by us or any third party as to the suitability for the intended application.

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