

**ELI-CAST FR/612/D/B
PU CASTING RESIN**

PRODUCT	Eli-Cast FR/612/D/B is an ambient temperature curing, two component Polyurethane Resin.
COLOUR	Brown, opaque
VISCOSITY	Low viscosity, free flowing liquid: 900 – 950 mPas
POTLIFE / 25°C	10 Minutes
GELTIME / 25°C	10 - 15 Minutes
SETTING TIME / 25°C	15 - 20 Minutes
EXOTHERM (100g mass) (5000g mass)	max. 45°C max. 75°C
HARDNESS AFTER 24 HRS	SHORE D 65 – 70
SPECIFIC GRAVITY / 25°C (mixed resin)	1.15 - 1.2 g/cm ³
RESISTANCE	To Water and Oil: Good
HYDROLYTIC STABILITY	Good
FLASHPOINT (mixed resin)	> 200°C
WATER ABSORPTION after 24h / 25°C	0.1 – 0.2 % (test BS 1137: 1966)
DIELECTRIC STRENGTH	22 kV/mm
DIELECTRIC CONSTANT	at 50 Hz: 2.9 at 1 MHz: 4,0
POWER FACTOR	at 50 Hz: 0,19 at 1 MHz: 0,07
STORAGE STABILITY	Stored under dry and cool conditions in sealed packaging: 12 months

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.

The application, use and processing of the products are beyond our control and Messrs Elite Chemical Industries (Pty) Ltd's legal obligation in respect of any sale of its products shall be determined by the terms of its conditions of sale.