

**ELI-FIL FR/853
STEEL PUTTY**

DESCRIPTION:	Two component, ambient temperature curing Epoxy Putty (steel filled)
COLOUR:	Resin: Dark Grey Hardener: Light Grey Mixed: Grey
APPLICATION:	Repair of ferrous and non-ferrous casting, steel etc.
MIXING RATIO:	By Weight or Volume: 50 parts of Resin 50 parts of Hardener
POTLIFE / 25°C: (150g mass per mix)	40 – 45 Minutes
GELTIME / 25°C: (150g mass)	1 – 1½ Hours
SETTING TIME / 25°C: (150g mass)	1½ – 2 Hours
VISCOSITY / 25°C:	Resin: Paste Hardener: Paste Mixed Compound: Paste
SPECIFIC GRAVITY / 25°C:	Resin: 2.3 – 2.5 g/cm ³ Hardener: 2.5 – 2.6 g/cm ³
HARDNESS AFTER CURE / 25°C: (After 24 hours)	Shore D 90 – 95
FLASHPOINT:	> 150°C
SHRINKAGE: CURED 7 DAYS / 25°C:	< 0.6%
TENSILE STRENGTH: (Din 53455)	30 – 35 MPa
LAP SHEAR STRENGTH: (Din 53283)	19 – 21 MPa
IMPACT STRENGTH: (Din 53453)	5 – 6 kJ/m ²
COMPRESSIVE STRENGTH (Din 53453)	90 – 95 MPa

HEAT DEFLECTION TEMPERATURE: 90 – 95°C

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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