

RT155



Fast Curing Epoxy Adhesive

Description

RT155 is excellent for bonding and potting fibre optic components, without the use of heat.

Benefits

- Sets in minutes at room temperature
- Hard enough to polish after 30 minutes
- High surface energy. Readily wets and wicks between fibres
- Good adhesion to glass fibres as well as metals, ceramics and many plastics
- Good impact and thermal shock resistance
- Excellent for on site pot and polish connections
- Standard colour is clear
- Supplied in DuoSyringe for easy application
- Standard size is 25ml, with associated mixing nozzles and dispenser guns

Typical Properties

Mix ratio:	100 parts hardener to 100 parts resin
Mixed viscosity:	10– 15 Pa.s (10000 – 15000 cPs)
Work life:	3 minutes @ 23°C (2g)

Cure Time @ 23°C vs. Shore D Hardness

5 minutes	25
30 minutes	50
60 minutes	70

Optimum Properties (cured for 60 minutes @ 23°C)

Thermal Expansion:	55×10^{-6} cm/cm/°C
Density:	1.20
Hardness:	70 D
Operating Temperature:	-60 to 125°C
Lap Shear – Al/Al:	8 MPa (@ 23°C)

Related Products

- The Resintech fibre optic adhesive range, including RT153FC high temperature adhesive

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