

Technical Data

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
- Supplied in 25g and 50g

Typical Properties

Work life: 3 minutes at 23°C (2g)

Cure Time vs. Shore D Hardness (*cured at 23°C*)

5 minutes:	25
30 minutes:	50
60 minutes:	70

Optimum Properties (*cured for 60 minutes at 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 (at 23°C)

Colour

Clear

Related Products

- The Resintech fibre optic adhesive range, including RT153F high temperature adhesive

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