

Technical Data

RT156

Medium Temperature Curing Epoxy Adhesive

Description

RT156 is excellent for bonding and potting fibre optic components, using moderate cure temperatures.

Benefits

- Acceptable cure speed at 75°C
- High surface energy and low viscosity. Readily wets and wicks between optical fibres
- Excellent adhesion to glass fibres as well as metals, ceramics and many plastics
- Low heat build up on cure gives lower stresses
- Standard colour is blue. Clear and other colours available to special order
- Available in 2g and 4g TwinPack sachets as well as various bulk sizes

Typical Properties

Mix ratio:	1 part hardener to 4 parts resin
Mixed viscosity at 23°C:	1 – 2 Pa-s
Work life:	2 hours @ 23°C (4g in syringe)
Surface Tension:	42 - 44 mN/m
Curing Schedule:	25°C for 24 hours 75°C for 20 minutes 100°C for 5 minutes

Optimum Properties (*cured for 5 minutes at 100°C*)

Thermal Expansion	55 x 10 ⁻⁶ cm/cm/°C
Density:	1.10
Hardness:	85 D
Operating Temperature:	-60 to 200°C
Lap Shear – Al/Al	10 MPa (at 23°C)

Colour

Blue, clear, various

Related Products

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

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