

Technical Data

RT152

Low Viscosity Clear Epoxy resin System

Description

RT152 is an optically clear, very low viscosity epoxy resin system.

Benefits

- Water white and optically clear
- Has a 4-8 hour working life after mixing depending on mass
- High surface energy and readily wets and wicks between surfaces
- Low viscosity - reduces air entrapment
- Good impact and thermal shock resistance
- Available in easy-to-use TwinPacks or bulk

Typical Properties

Mix ratio by weight: 1 part hardener to 2.86 parts resin

Curing

Work life at 23°C (<25g): 4 hours
Work life at 23°C (<4g): 8 hours

Cure time for mass <100g to control exotherm

Cure time at 23°C: 48 hours
Cure time at 80°C: 90 minutes

Typical Performance (*measurements at 23°C*)

Mixed viscosity at 23°C: 0.3 - 1.0 Pa-s
Density: 1.05
Shore Hardness: 82 D
Operating Temperature: -60°C to 200°C
Optical transmission: >97%

Colour

Clear

Related Products

- RT151 low viscosity epoxy resin system
- The Resintech potting and fibre optic adhesive range

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