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TECHNICAL DATA SHEET

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

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 0.5-1.0 Pa s

Density 1.05

Shore Hardness 82 D

Operating Temperature -60°C to 200°C

Optical transmission >97%

Colour

Clear

Related Products

- RT323 high temperature performance epoxy resin system
- RT370 flame retarded epoxy resin system
- RT380 light weight epoxy resin system

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