

Technical Data

RT323

High Temperature Epoxy Resin System

Description

RT323 is a clear low viscosity epoxy resin system with excellent high temperature performance.

Benefits

- Long pot life for ease of use
- Low viscosity giving excellent potting of intricate components
- High speed cure at elevated temperatures
- Outstanding temperature and chemical resistance
- Available in easy-to-use TwinPacks or bulk

Typical Properties

Mix ratio by weight: 1 part hardener to 10 parts resin

Curing (15g mass)

Work life at 23°C:	4 hours
Cure time at 60°C:	180 minutes
Cure time at 80°C:	30 minutes
Cure time at 100°C:	10 minutes
Cure time at 120°C:	4 minutes

Typical Performance (measurements at 23°C)

Mixed viscosity (at 23°C):	2.0 - 3.0 Pa-s
Density:	1.15
Shore Hardness:	85 D
Glass Transition:	140°C
Operating Temperature:	-50°C to 200°C
Solvent Resistance:	Excellent
Lap Shear (Al/Al at 23°C):	11 MPa

Colour

Red

Related Products

- The Resintech range of potting epoxies

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