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TECHNICAL DATA SHEET

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
- Good handling characteristics with low dermatitic response
- High speed cure at elevated temperatures
- Outstanding temperature and chemical resistance
- Available in easy-to-use twinpacks or bulk

Typical Properties

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 Pa s
Density (at 23°C)	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

Clear

Related Products

- RT110 low viscosity epoxy resin system
- RT370 flame retarded epoxy resin system
- RT380 light weight epoxy resin system

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