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## TECHNICAL DATA SHEET

### RT380 Light Weight Epoxy Resin System

#### Description

RT380 is a very low-density epoxy resin system for use where weight is critical

#### Benefits

- Contains advanced light weight fillers which do not impair performance
- Excellent electrical properties
- Good chemical resistance to solvents, oils, fuels, acids and bases
- Excellent mechanical properties with low cure shrinkage
- Good thermal insulation properties
- Available in easy-to-use twinpacks or bulk

#### Typical Properties

##### Curing (100g mass)

Work life at 23°C:	1 hour
Cure time at 23°C:	24 hours
Cure time at 60°C:	4 hours

##### Typical Performance (measurements at 23°C)

Mixed viscosity	11 Pa s
Density	0.6
Shore Hardness	40 D
Tensile Strength	4 MPa
Crush Resistance	50 MPa
Operating Temperature	-55°C to 150°C
Short Term	200°C
Fluid Resistance: excellent to good to	Fuels, Lubricating Oils, Acids and Bases Hydraulic Fluids, Solvents

#### Colour

Black

#### Related Products

- RT310 low viscosity epoxy resin system
- RT323 high temperature performance epoxy resin system
- RT370 flame retarded epoxy resin system

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