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: Fuels, Lubricating Oils, Acids and Bases
  - good to: Hydraulic Fluids, Solvents

Colour
Black

Related Products
- The Resintech range of potting epoxies
- RT370 flame retarded epoxy resin system

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