RT371

Medium Viscosity Epoxy Resin System

Description
RT371 is a medium viscosity epoxy resin potting system with excellent physical and mechanical properties.

Benefits
- Flame retardant compound with low smoke emission
- Excellent potting and encapsulation system with good flow properties
- Excellent electrical properties
- Good chemical resistance to solvents, oils, fuels, acids and bases
- Excellent mechanical and physical properties
- Available in easy-to-use TwinPacks or bulk

Typical Properties

Curing (250g mass)
Work life at 23 °C: 4 hours
Cure time at 23 °C: 24 hours
Cure time at 80 °C: 4 hours (+ 1 hour @ 120°C for maximum HDT)
Cure time at 120 °C: 2 hours

Typical Performance (measurements at 23°C)
Mixed viscosity 25 Pa s
Density 1.5
Shore Hardness 85 D
Tensile Strength 60 MPa
Electric Strength >20 Kv/m
Volume Resistivity 10¹¹ ohm/cm
Dielectric constant 4
Heat Distortion Temperature 95 °C
Shrinkage on cure <1.5%
Operating Temperature -55 °C to 150 °C
Flammability (meets requirements) UL94 V0

Colour
Blue

Related Products
- The Resintech range of potting epoxies
- RT380 light weight epoxy resin system

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