

Technical Data Sheet

RT370

Flame Retarded Epoxy Resin System

Description

RT370 is a highly flame retarded epoxy resin system with excellent physical 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

Mix ratio by weight: 1 part hardener to 4.3 parts resin

Curing (250g mass)

Work life at 23°C: 2 hours
Cure time at 23°C: 24 hours
Cure time at 80°C: 2 hours

Typical Performance (measurements at 23°C)

Mixed viscosity at 23°C: 7.0 - 9.0 Pa-s
Density: 1.6
Shore Hardness: >50 D
Tensile Strength: 50 Mpa
Electric Strength: 15 kV/mm
Volume Resistivity: 10^{11} ohm/cm
Dielectric constant: 4
Shrinkage on cure: <1.5%
Operating Temperature: -55°C to 115°C
Flammability (meets requirements): UL94 V0

Colour

Black

Related Products

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

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