

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	10 ¹¹ 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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