



Via Oberdan, 7 – 20059 Vimercate (MI)
Tel. : +39 039 6612297
Fax : +39 039 6612297
E-mail: info@fiortech.com
P.I.: 02916370139

TECHNICAL DATA SHEET

RT310 Low Viscosity Epoxy Resin System

Description

RT310 is a clear low viscosity epoxy resin system that will cure safely in thick sections

Benefits

- Has a degree of flexibility which reduces internal stresses
- Cures with low heat build up so will not damage delicate components
- Excellent clarity
- Low viscosity - reduces air entrapment
- High gloss finish even when cured under high humidity
- Available in easy-to-use twinpacks or bulk

Typical Properties

Curing (250g mass)

Work life at 23°C:	75 minutes
Cure time at 23°C:	24 hours
Cure time at 60°C:	4 hours

Typical Performance (measurements at 23°C)

Mixed viscosity	1 Pa s
Density	1.15
Shore Hardness	60 D
Tensile Strength	50 MPa
Electric Strength	13 Mv/m
Volume Resistivity	14 log ₁₀ ohm m
Permittivity	4
Operating Temperature	-55°C to 115°C

Colour

Clear

Related Products

- RT323 high temperature performance epoxy resin system
- RT370 flame retarded epoxy resin system
- RT380 light weight epoxy resin system

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