

resoltech 1500

Hardener 1502

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High T_g Epoxy Infusion System

DESCRIPTION

Resoltech 1500 / 1502 is a slow epoxy infusion system. Showing a T_g of 140°C, it is a premium choice for the manufacture of large parts and moulds that require heat resistance

KEY POINTS

- Low viscosity
- Very long potlife
- Excellent wetting properties
- T_g of 140°C

APPLICATIONS

- Large/medium composite parts/molds
- Glass, carbon, aramid fibers/fabrics

TRANSPORT & STORAGE

Keep containers sealed and away from heat and cold preferably between 10°C and 30°C in a well ventilated area. Our products are guaranteed in their original packaging (check expiry date on the label).

TECHNICAL DATA

System	1500/1502
Mixing ratio by weight	100/22
Resin density	1.11
Hardener density	0.94
Resin viscosity [mPa.s]	1500
Hardener viscosity [mPa.s]	7
Mix viscosity [mPa.s]	268
Reactivity, 70ml at 23°C	10h
Time at exothermic peak, 70ml at 23°C	8h30min
Temperature at exothermic peak, 70ml at 23°C	31°C
TGM after 3h50°C+3h100°C+3h150°C	140°C
Hardness Shore D after 3h50°C+3h100°C+3h150°C	92

HEALTH & SAFETY

Skin contact must be avoided by wearing protective nitrile gloves & overalls or other protective clothing. Eye protection should be worn to avoid risk of resin, hardener, solvent or dust entering the eyes. If this occurs flush the eye with water for 15 minutes, holding the eyelid open, and seek medical attention. Ensure adequate ventilation in work areas. Respiratory protection should be worn with ABEKP coded filters. Resoltech issues full Material Safety Data Sheet for all hazardous products. Please ensure that you have the correct MSDS to hand for the materials you are using before commencing work.

! The data provided in this document is the result of tests and is believed to be accurate. We do not accept any responsibility over the mishandling of these products and our liability is limited strictly to the value of the products we manufacture and supply.