

EPOX RESIN PART A - SINGLE CATALYST

DEFINITION

Two-component, low viscosity epoxy system that cures at room temperature (min.+10°C). It has good mechanical properties, it is recommended for the creation of laminates based on glass fibers, or as a binder for casting and filling systems with the addition of mineral and/or metallic fillers. It allows the impregnation of carbon and/or Kevlar fibers and is therefore ideal for repair work on artifacts made of these materials. It is also used for: anti-osmosis treatments, anti-corrosion coating of metals, various bonding (e.g., wood-wood, wood-fiberglass).

CHARACTERISTICS

Part A - Epox resin

- Density: 1.13 ± 0.03 g/cm
- Color: Straw yellow
- Viscosity: 600-900 m Pas (25°C)
- Epoxy equivalent weight: 195-210 g/eq

Part B – Single catalyst

- Density: 1.03 ± 0.03 g/cm³
- Color: colorless
- Viscosity: 200-240 m Pa
- Active hydrogen equivalent weight: 93 g/eq

Ready-to-Use Product

- Chemical nature: epoxy
- Colour: Colourless / straw yellow
- Excellent fiber wet-out
- Good dimensional stability
- Hardness: 80-81 Shore D
- Low viscosity

APPLICATION

Suitable for:

- Creation of laminates
- Filling castings
- Bonding

The effectiveness of our products is based on practical experiences and research work carried out in our laboratories; nevertheless we accept no liability for work carried out following our instructions being clear that the final result depends in all cases on a series of unforeseeable factors.

* For any information about product codes or packs, please see our catalogue, our price list or contact us.

- Repairs

MIXTURE PREPARATION

By weight: 100 g of Part A + 50 g of catalyst

Mix well until a homogeneous compound is obtained.

POT LIFE

- From 23°C to 40°C, 100ml: 25-30 minutes
- Demolding time: 18-24 hours
- Full curing time: 7 days

STORAGE

The resin and hardener, stored in a cool and dry place at a temperature between 10°C and 25°C, in the original hermetically sealed containers, remain unchanged for at least 12 months.

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