

Epoxy Resin 4307 + Hardener 180

Technical Data Sheet Epoxy Resin 4307 + Hardener 180

Application + Properties

- Areas of application include primers or coatings on problematic, e.g. damp substrates as well as high-solid paints for corrosion protection.
- Very good adhesion to wood, metal, concrete, polystyrene, GRP, etc.
- Low viscosity
- Solvent- and filler-free
- Good impregnation properties
- Good chemical resistance

Raw material data

Viscosity Resin	900 +/- 150 mPa*s	25°C
Viscosity Hardener	450 ± 70 mPa*s	25°C

Characteristic values

Equivalent mass	Harz = 190g/EQ; Härter = 115g/EQ
Density	Resin = 1.15g/cm ³ ; Hardener = 1.01g/cm ³

System Features

Mixing ratio resin : hardener (weight parts)	100 : 60
pot-life 100 g, 23 °C → 40 °C [min]	30
Gel time, 100 g, approx. [min]	60
Curing time (at 20°C) approx. (h)	24
Color	yellowish

The properties can be increased by annealing.

Storage

Only close opened containers tightly with the original lid. Store in a cool, dry place. With optimal storage, it can be kept for at least 12 months.

Information on occupational health and safety

When processing epoxy resins and hardeners, the usual precautions for handling chemicals as well as applicable official occupational health and safety regulations and environmental protection regulations must be observed. Particular attention must be paid to skin protection and the selection of suitable protective gloves. Detailed information on hazards, labelling, occupational health and safety and environmental protection can be found in the product safety data sheet.

Work Equipment Cleaning

Hardened resins can only be cleaned mechanically, such as by grinding! Acetone can be used to remove non-hardened resin residues from the tool, which must then air out sufficiently to prevent the cleaner from entering new containers!

Disposal

Uncured product residues are hazardous waste, hardened systems are construction site waste/household waste.

More information

If you have any further questions, for example about the processing or the product, please do not hesitate to contact us by phone.

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