



Technical Data Sheets

EP 100

Low Viscosity Epoxy Resin

Diluted reaction product of epichlorohydrin and bisphenol A type liquid epoxy resin.

Typical Applications

- Adhesives
- Casting and Tooling
- Civil Engineering
- Composites
- Marine and Protective Coatings
- Can and Coil Coatings
- Automotive Coatings
- Photocure Industrial Coatings
- Potting and Encapsulation

Typical Properties

Epoxy Equivalent Weight (g/eq)	200-205
Color (APHA)	50 Max.
Viscosity @ 25°C (mPa·s)	1200 - 1400
Density @ 25°C	1.12 g/ml
Hydrolyzable Chloride Content (ppm)	550 Max.
Water Content (ppm)	600 Max.
Inorganic Chlorine Content (ppm)	5 Max.
Shelf Life	24 Months

Packing, Handling, Storage

This liquid epoxy hardener is supplied in bulk or in 220 kg tight-head drums. Should be stored in dry conditions at a temperature between 15 and 35°C. Away from sources of heat. Lower temperature could bring increase in viscosity and haziness. Preferably in the original containers kept tightly closed, may absorb moisture and CO₂ if drums are not well closed. Under these conditions and at normal temperatures the storage life should be at least two years. Curing agents and epoxy resin must be mixed just before application.

Refer to the MSDS for human and environmental interactions.

This technical sheet is only a recommendation to get the best possible result without applying the information we give about the use of the products. This technical document has been prepared in our laboratories in Turkey by calculating the market conditions and climate conditions. The information is created with the best possible scientific and practical information, and we do not recommend the use of any patent infringement. The business owner and/or representative is responsible for checking that our products are for their own purposes. Our company does not accept any liability arising from the consequences of misuse.