

Technical Data Sheets

Epoxy Curing Agent S 125

S 125 is a modified polyamines. Long pot life and good through-cure. Use in civil engineering applications for longer pot life, and in wet layup laminates, electrical encapsulation, clear table castings.

Applications & Advantages

- Molding
- Table Topcoats
- Embedding
- Low Reactivity
- High Yellowing Resistance
- High Mechanical Strength

Typical Properties

Appearance.....	Clear, Liquid
Color (Gardner)	1 Max.
Viscosity @ 25°C (mPa*s)	50 – 100
Density @ 25°C	0.96 g/ml
Amine Value mg KOH/g	90 - 120
AHEW	52

Application Properties / With Neocryl Ep -100 Epoxy Resin EEW=190

Mixing Ratio	100 : 25
Gel Time @ 25°C	320 minutes.
Thin Film Set Time @ 25°C	48 – 72 hours.
Hardness	87 Shore D
Compressive Strength	85 N/mm ²
Tensile Strength.....	60 N/mm ²

Packing, Handling, Storage

This liquid epoxy hardener is supplied in bulk or in 190 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 USA 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.