

Product information

ANCAMINE[®] 3225

Curing Agent

DESCRIPTION

Ancamine 3225 curing agent is a nonyl phenol free aliphatic polyamine Mannich base curing agent designed for use with liquid epoxy resin. The product offers low viscosity supporting solvent-free coatings and flooring systems for both metal and mineral substrates. Ancamine 3225 curing agent will react with liquid epoxy resin at low temperatures down to 5°C.

TYPICAL PROPERTIES

| Property | Value | Unit | Method |
|-------------------------|---------------------|----------|---|
| Appearance | Clear yellow liquid | | |
| Colour | ≤ 4 | Gardner | ASTM D 1544-80 |
| Viscosity @ 25°C | 150-250 | mPa.s | Brookfield RVTD, Spindle 4 |
| Amine Value | 420-500 | mg KOH/g | Perchloric Acid Titration |
| Specific Gravity @ 21°C | 1.01 | | |
| Equivalent | 95 | Wt/{H} | |
| Recommended use Level | 50 | PHR | With Bisphenol A diglycidyl ether (EEW=190) |

ADVANTAGES

- Low viscosity for solvent-free coatings
- Fast cure and development of properties at ambient and low temperature
- Excellent chemical and mechanical resistances
- Nonyl phenol free

APPLICATIONS

- Chemical resistant high solids and solvent free coatings and industrial floorings
- Protective coatings
- Accelerator for other curing agents

SHELF LIFE

At least 36 months from the date of manufacture in the original sealed container at ambient temperature. Store away from excessive heat and humidity in tightly closed containers.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 3225 curing agent.

TYPICAL HANDLING PROPERTIES*

| Property | Value | Unit | Method |
|-----------------------------|-------|------|----------------------------|
| Gel Time (250g mix at 23°C) | 15-20 | mins | Techne GT-3 Gelation Timer |
| Typical cure schedule | 2-7 | days | |

*With Bisphenol A diglycidyl ether (EEW=190)

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