

Product information

ANCAMINE[®] 3114

Curing Agent

DESCRIPTION

Ancamine 3114 curing agent is a low viscosity, amine functional accelerator and co-curable for used with epoxy resins cured with a variety of curing agents including cycloaliphatic amines, amidoamines, polyamides, polysulphides and polymercaptans. Ancamine 3114 curing agent provides rapid cure development for fast walk-on times at both ambient and low temperature.

TYPICAL PROPERTIES

| Property | Value | Unit | Method |
|-------------------------|------------------------|----------|---|
| Appearance | Yellow brownish liquid | | |
| Colour | ≤ 6 | Gardner | ASTM D 1544-80 |
| Viscosity @ 25°C | 300-1000 | mPa.s | Brookfield RVTD, Spindle 4 |
| Amine Value | 640-740 | mg KOH/g | Perchloric Acid Titration |
| Specific Gravity @ 21°C | 1 | | |
| Equivalent | 150 | Wt/{H} | |
| Recommended use Level | 79 | PHR | With Bisphenol A diglycidyl ether (EEW=190) |

ADVANTAGES

- Fast cure speed and mechanical build
- Excellent handling properties

APPLICATIONS

- Solvent free coatings
- Industrial floorings
- Mortars and grouts

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 3114 curing agent.

TYPICAL HANDLING PROPERTIES*

| Property | Value | Unit | Method |
|-----------------------------|-------|------|----------------------------|
| Gel Time (250g mix at 23°C) | 20-25 | mins | Techne GT-3 Gelation Timer |
| Typical cure schedule | 2-7 | days | |

*With Bisphenol A diglycidyl ether (EEW=190)

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