

Product information

ANCAMINE[®] T-1

Curing Agent

DESCRIPTION

Ancamine T-1 curing agent is an accelerated version of Ancamine T curing agent that provides a faster thin film cure and reduced moisture sensitivity during cure. This product is FDA compliant for adhesives under 21 CFR 175.105.

TYPICAL PROPERTIES

| Property | Value | Unit | Method |
|-------------------------|--------------|----------|------------|
| Appearance | Clear Liquid | | |
| Colour | 1 | Gardner | |
| Viscosity @ 77°F | 1,500 | cP | |
| Amine Value | 885 | mg KOH/g | |
| Specific Gravity @ 77°F | 1.07 | | |
| Density @ 77°F | 8.9 | lb/gal | |
| Flash Point | 280 | °F | closed cup |
| Equivalent Wt/{H} | 47 | | |
| Recommended Use Level | 25 | phr | EEW=190 |

APPLICATIONS

- Laminating and tooling
- Adhesives
- Auto and boat body patch kits and adhesives

SHELF LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine T-1 curing agent.

TYPICAL CURE SCHEDULE

2-7 days at ambient temperature

TYPICAL HANDLING PROPERTIES *

| Property | Value | Unit | Method |
|------------------------------------|-------|------|--------|
| Gel Time (150g mix @ 25°C), (77°F) | 12 | min | |
| Thin Film Set Time @ 77°F | 63 | h | |

TYPICAL PERFORMANCE *

| Property | Value | Unit | Method |
|-------------------------------------|-------|------|------------------|
| Cured 7 days at ambient temperature | | | |
| Heat Deflection Temperature | 140 | °F | ASTM D648-264psi |

* Ancamine T-1 curing agent formulated with standard Bisphenol-Abased (DGEBA, EEW=190) epoxy resin.

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