

Product information

ANCAMINE[®] 2918

Curing Agent

DESCRIPTION

Ancamine[®] 2918 is an accelerator designed to be used in a variety of epoxy formulations. It provides excellent cure speed and property development at elevated temperature.

TYPICAL PROPERTIES

| Property | Value | Unit | Method |
|------------------------|-------------------|---------|---------------------------------------------------------------------------------------|
| Appearance | Dark amber liquid | | |
| Color | ≤ 18 | Gardner | ASTM D 1544 |
| Neat Viscosity @ 25 °C | 3000 - 5000 | cPs | Brookfield RVTD, spindle 27 |
| Mix Viscosity @ 60 °C | 150 - 250 | cPs | Brookfield RVTD, spindle 27 |
| Glass Transition | 130 | °C | Cured 23 min @ 130 °C Isothermal DSC, first scan |
| Recommended Use Level | 1 - 5 | PHR | With 100 parts bisphenol-A based epoxy resin (EEW=190), and 80-100 parts of Anhydride |

PERFORMANCE ADVANTAGES

- Good corrosion resistance
- Excellent adhesion
- Low viscosity
- Solvent free

APPLICATIONS

- Composites
- Potting and Encapsulation

STORAGE LIFE

At least 24 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.

HANDLING PRECAUTIONS

Refer to the Material Safety Data Sheet.

TYPICAL CURE SCHEDULE

20-25 minutes at 150 °C with anhydrides

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