

ANCAMINE® K61B Curing Agent**DESCRIPTION**

Ancamine K61B curing agent is tris-(dimethylaminomethyl) phenol tri (2-ethyl hexoate). Ancamine K61B is an amine salt catalyst. Compared to Ancamine K54 accerator, Ancamine 61B provides longer potlife, lower exotherm and lower shrinkage.

ADVANTAGES

- High strength
- Modulus and electrical resistance
- Good thermal shock
- Good humidity resistance

APPLICATIONS

- Electrical castings
- Potting
- Encapsulation
- Wet lay-up laminate systems.

SHELF 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.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine K61B curing agent.

TYPICAL CURE SCHEDULE

- 4 hours at 150°F.
- 2 hours at 176°F.
- 1 hour at 212°F.

TABLE 1: TYPICAL PROPERTIES

| | |
|---|--------------|
| Appearance | Amber Liquid |
| Color (Gardner) | 5 |
| Viscosity @ 77°F (cP) | 700 |
| Specific Gravity @ 77°F | 0.970 |
| Density @ 77°F (lb/gal) | 8.0 |
| Recommended Use Level (phr, EEW=190) | 10-12 |

TABLE 2: TYPICAL HANDLING PROPERTIES

| | |
|--|----|
| Gel Time (150g mix @ 149°F) (min) | 35 |
|--|----|

TABLE 3: TYPICAL PERFORMANCE

Performance properties are very dependent upon conditions of cure.

Epoxy Curing Agents and Modifiers

ANCAMINE® K61B Curing Agent

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