

ANCAMINE® 1784 Curing Agent**DESCRIPTION**

Ancamine 1784 curing agent is a room temperature, low-viscosity modified aliphatic amine hardener for epoxy resins.

ADVANTAGES

- Excellent color
- Moisture insensitive
- Gives coatings that are free of blush and exudation with high gloss
- Long pot life
- Good impact resistance
- Good color stability

APPLICATIONS

Appropriate applications include high-solids and solvent-free coatings, adhesives, castings, laminates and riverstone mortars.

SHELF LIFE

At least 24 months from the date of manufacture in the original sealed container at room temperature. Store away from excessive heat and humidity in tightly closed containers.

STORAGE AND HANDLING

Refer to the Safety Data Sheet on Ancamine 1784 curing agent.

TYPICAL CURE SCHEDULE

7 days at ambient temperature.

TABLE 1: TYPICAL PROPERTIES

Appearance	Water-White Liquid
Color (Gardner)	1
Viscosity @ 77°F (cP)	50
Amine Value (mg KOH/g)	315
Specific Gravity @ 77°F	0.950
Density @ 77°F (lb/gal)	7.9
Flash Point (closed cup) (°F)	225
Equivalent Wt/{H}	86
Recommended Use Level (phr, EEW=190)	40

TABLE 2: TYPICAL HANDLING PROPERTIES*

Gel Time (150g mix @ 77°F) (min)	120
Thin Film Set Time @ 77°F (h)	12

TABLE 3: TYPICAL PERFORMANCE PROPERTIES*

(Cured 7 days @ ambient temperature)	
Heat Deflection Temperature (ASTM D648-264 psi) (°F)	122
Flexural Strength (psi)	10,360

* Ancamine 1767 curing agent formulated with standard Bisphenol-A based (DGEBA, EEW=190) epoxy resin.

Epoxy Curing Agents and Modifiers

ANCAMINE® 1784 Curing Agent

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