

ANCAMINE[®] 1784**Curing Agent****DESCRIPTION**

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

TYPICAL PROPERTIES

Property	Value	Unit
Appearance	Water-White Liquid	
Colour	1	Gardner
Viscosity @ 77°F / 25°C	50	cP
Amine Value	315	mg KOH/g
Specific Gravity @ 77°F / 25°C	0.950	
Density @ 77°F / 25°C	7.9	lb/gal
Flash Point (closed up)	225	°F
Equivalent	86	Wt/{H}
Recommended use Level EEW=190	40	PHR

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 ambient 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.

TYPICAL HANDLING PROPERTIES*

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

THERMAL PERFORMANCE*

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

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

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