

## Product information

# ANCAMINE<sup>®</sup> DETA

## Curing Agent

### DESCRIPTION

Ancamine DETA curing agent is a 98.5% minimum purity grade of diethylenetriamine. As an unmodified curing agent, Ancamine DETA can have a strong tendency for carbamation. It also may form irritating vapors. Use of modified aliphatic amine curing agents instead of Ancamine DETA curing agent can help minimize these tendencies.

### TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Clear Colorless liquid		
Colour	1	Gardner	
Viscosity @ 77°F	<10	cP	
Amine Value	1,640	mg KOH/g	
Specific Gravity @ 77°F	0.948		
Flash Point	210	°F	closed cup
Equivalent Wt/{H}	21		
Recommended Use Level	11	phr	EEW=190

### APPLICATIONS

- Flooring
- Solvent-based coatings
- Encapsulation

### 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 DETA curing agent.

## TYPICAL HANDLING PROPERTIES \*

Property	Value	Unit	Method
Gel Time (150g mix @ 77°F)	25	min	
Thin Film Set Time @ 77°F	3.8	h	

## TYPICAL PERFORMANCE \*

Property	Value	Unit	Method
Heat Deflection Temperature	230	°F	ASTM D648-264 psi
Tensile Strength	11,000	psi	

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

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