

## Product information

# ANCAMIDE<sup>®</sup> 350A

## Curing Agent

### DESCRIPTION

Ancamide<sup>®</sup> 350A curing agent is one in a series of standard reactive liquid polyamides for use in the curing of epoxy resins.

Evonik also offers Ancamide<sup>®</sup> 351A curing agent which is similar to Ancamide 350A in performance. Ancamide 351A may be a more cost effective alternative for your formulation.

### TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Amber liquid		
Color	7	Gardner	ASTM D1544-80
Viscosity @ 77°F	11,000	cP	Brookfield, ASTM D445-83
Specific Gravity @ 77°F	.97		
Weight per Gallon @ 77 °F	8.1		
Amine Value	380	mg KOH/g	
Flash Point	340	°F	Seat Flash Closed Cup
Equivalent Wt{H}	100		
Recommended Use Level	55	phr	EEW=190

### ADVANTAGES

- Low viscosity
- Higher imidazoline content
- Long pot life with liquid resins
- Complies with FDA regulation 21 CFR 175.300; 21 CFR 176.170 and 21 CFR 175.105

### APPLICATIONS

- High-solids coatings
- Adhesives and sealants
- Encapsulation
- Castings

## STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamide 350A curing agent.

## 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.

## TYPICAL CURE SCHEDULE

**2 to 7 days at ambient temperature. Films can be force dried or baked to accelerate cure.**

## TYPICAL HANDLING PROPERTIES\*

Property	Value	Unit
Gel Time (150g mix @ 77 °F)	200	min
Thin Film Set Time @ 77 °F	11	h

## TYPICAL PERFORMANCE\*

Property	Value	Unit	Method
Heat Deflection Temperature	124	°F	ASTM D648 at 264 psi
Flexural Strength	10,600	psi	

\* Ancamine 350A curing agent formulated with standard Bisphenol-A based (DGEBA, EEW=190) epoxy resin.

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