

ANCAMIDE® 2349

Curing Agent

DESCRIPTION

Ancamide 2349 curing agent is a modified amidoamine intended for use in curing liquid epoxy resins. Ancamide 2349 is DOT noncorrosive and offers faster cure speed and improved chemical resistance over unmodified amidoamines.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Amber liquid		
Color	7	Gardner	
Viscosity @ 77°F	800	cP	
Specific Gravity @ 77°F	0.980		
Amine Value	585	mg KOH/g	
Flash Point	>200	°F	
Equivalent Wt/{H}	68		
Recommended Use Level	35	phr	EEW=190

ADVANTAGES

- Rapid cure speed and property development
- High compression strength and modulus
- Low skin irritation
- DOT noncorrosive

APPLICATIONS

- Trowelable floorings
- Concrete patch repair
- Chocking compounds and machinery grouts

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 Ancamide 2349 curing agent.

TYPICAL CURE SCHEDULE

2-7 days at ambient temperature.

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit
Mixed Viscosity @ 77°F	5,250	cP
Gel Time (150g mix @ 77°F)	45	min
Thin Film Set Time @ 77°F	4.8	h
Peak Exotherm (100 g mix @ 77°F)	390	°F
Peak Exotherm Time	50	min

* Ancamide 2349 curing agent formulated with standard Bisphenol-A based (DGEBA, EEW=190) epoxy resin.

TYPICAL PERFORMANCE

Property	Value	Unit
Glass Transition Temperature	131	°F
Compressive Strength @ Yield	13,700	psi
Compressive Modulus	344	thousand psi
Tensile Strength	8,100	psi
Tensile Modulus	470	thousand psi
Tensile Elongation @ Break	2.3	%
Flexural Strength	14,700	psi
Flexural Modulus	583	thousand psi
Hardness (Shore D)	80	

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