

Product information

ANCAMIDE® 350A

Curing Agent

DESCRIPTION

Ancamide® 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® 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 @ 25°C	9,000-15,000	mPas	Brookfield, ASTM D445-83
Density @ 25°C	0.97	g/cm ³	
Amine Value	365-395	mg KOH/g	
Flash Point	171	°C	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 @ 25°C)	200	min
Thin Film Set Time @ 25°C	11	h

TYPICAL PERFORMANCE*

Property	Value	Unit	Method
Heat Deflection Temperature	51	°C	ASTM D648 at 1.82 MPa
Flexural Strength	73	MPa	

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

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