

Product information

ANCAMIDE® 220X70

Curing Agent

DESCRIPTION

Ancamide 220X70 curing agent is one in a series of standard reactive polyamides intended for use in the curing of epoxy resins. Ancamide® 220X70 curing agent is cut to 70% solids by weight in xylene.

Evonik also offers Ancamide 221X70 curing agent which is similar to Ancamide 220X70 in performance. Ancamide 221X70 may be a more cost effective alternative for your formulation.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Clear, amber liquid		
Color	7	Gardner	ASTM D1544-80
Viscosity @ 77°F	1,100	cP	Brookfield viscosity, ASTM D445-83
Specific Gravity @ 77°F	0.940		
Density @ 77°F	7.8	lb/gal	
Amine Value	170	mg KOH/g	
Flash Point	75	°F	
Equivalent Wt/{H}	264		
Recommended Use Level	70	phr	EEW=190

ADVANTAGES

- Good color and light stability
- Good chemical resistance
- Compatible with a wide range of solvents—including those generally used in epoxy resin-based coatings
- Complies with FDA 21CFR:
 - 175.105
 - 175.300 after removal of solvents

APPLICATIONS

- Solvent-based maintenance coatings
- Primers, sealers and coatings for concrete



STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamide 220X70 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

2–7 days at ambient temperature. Films can be force-dried or baked to accelerate cure. Cure can also be accelerated by the addition of Ancamine® K54 curing agent.

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit
Pot Life (150g mix @ 77°F—@ 40% solids using solid epoxy resin)	1-3	days

*Ancamide 220X70 curing agent formulated with standard Bisphenol-A based (DGEBA, EEW=190) epoxy resin.

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