

ANCAMIDE[®] 260A

Curing Agent

DESCRIPTION

Ancamide 260A is a member of a series of reactive polyamides developed for use in the curing of epoxy resins. It has a relatively high amine value and has a lower molecular weight and viscosity than Ancamide 220 and is used primarily, but not exclusively, with liquid epoxy resin. Applications for Ancamide 260A include adhesives, sealants, putties, cable jointing, concrete repair compounds and surface coatings. Improved reactivity, chemical resistance and/or viscosity reduction can be achieved by blending with aliphatic or amidoamine curing agents. Good chemical resistance against water, alkali solutions, alcohols; moderate to poor against acids and solvents.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Amber Liquid		
Colour	<10	Gardner	ASTM D 1544-80
Viscosity @ 25°C	35-45	Pa.s	Brookfield RVTD, Spindle 4
Amine Value	330-360	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 21°C	0.96	g/ml	
Equivalent	110	Wt/{H}	
Recommended use Level	60	PHR	With Bisphenol A diglycidyl ether (EEW=190)
Flash Point (closed cup)	200	°C	

ADVANTAGES

- Low viscosity compared to Anacamide 220 standard polyamide
- Supplied as 100% solids for maximum formulation flexibility
- Good water/corrosion resistance

APPLICATIONS

- Coatings
- Adhesives
- Sealants and Putties
- Cable jointing
- Concrete repair compounds

SHELF LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamide 260A curing agent.

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit	Method
Gel Time (150g mix at 25°C)	200	mins	Techne GT-3 Gelation Timer
Thin Film Set Time 25°C	10	h	BK Drying Recorder Phase III

TYPICAL CURE SCHEDULE

(i) 2-7 Days at Room Temperature

(ii) 2 h at 60°C plus 1 h at 100°C

TYPICAL PERFORMANCE PROPERTIES*

FOLLOWING CURE SCHEDULE (ii)

Property	Value	Unit	Method
Flexural Strength	86	MPa	ISO 178
Heat Distortion Temperature	62	°C	ASTM D648

* With Bisphenol A diglycidyl ether (EEW=190)

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EVONIK OPERATIONS GMBH

Business Line Crosslinkers
Paul-Baumann-Str. 1
45764 Marl
Germany

www.evonik.com/crosslinkers

Product Information: APCSE@evonik.com

Sample Request: APCSE@evonik.com

EVONIK CORPORATION

Business Line Crosslinkers
7001 Hamilton Boulevard
Trexlerstown, PA 18087
USA

CrosslinkersProinfo@evonik.com

Crosslinkers-Samples@evonik.com

**EVONIK SPECIALTY CHEMICALS
(SHANGHAI) CO., LTD.**

Business Line Crosslinkers
55, Chundong Road
Xinzhuang Industry Park
Shanghai, 201108
China

CL-Asiainfo@evonik.com

CL-Asiainfo@evonik.com

