

Product information

ANCAMIDE® 2865

Curing Agent for High Elongation Epoxy System

DESCRIPTION

Ancamide 2865 is a modified polyamine curing agent intended to use with liquid epoxy resin for fast cure, high elongation and high hardness application. Ancamide 2865 is free of nonylphenol enabling low VOC and low emission coatings.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	clear yellow liquid		
Color	≤ 8	Gardner	ASTM D 1544
Viscosity @ 25°C	300-500	cPs	Brookfield RV, Spindle 27
Specific Gravity @ 21°C	0.99		
Amine Value	250	mg KOH/g	Perchloric Acid Titration
Equivalent Wt/[H]	165-185		
Use Level	85-95	PHR	

ADVANTAGES

- Low viscosity
- High elongation with high hardness
- Fast cure at ambient and low temperature
- Adhesion to dry and damp concrete
- Flexibility at low temperature (< 0° C)
- Nonylphenol free
- Low VOC and emissions
- High tensile and tear strength

APPLICATIONS

- Flexible primer for concrete
- Deck membrane
- Waterproofing membrane
- Crack bridging
- Joint sealant
- Flexible grouts and overlays

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 2865 curing agent.

TYPICAL HANDLING PROPERTIES*

Property	Resin A	Unit	Method
Gel Time @ 23°C	30	min	Techne GT-3 Gelation Timer
Thin Film Set Time @ 23°C	5.5	h	ASTM D 5895 - BK Drying Recorder Phase 3, 50% RH
Shore D Hardness 1d//7d @ 23°C	65/70	s	
Trouser Tear Strength	793	lb/in	ASTM 1938
Die-C Tear Strength	419	lb/in	ASTM D 624C
Adhesion to Concrete Dry/Damp	870/780	psi	ASTM D 7234
Tensile Strength	2530	psi	ASTM D 638 type IV
Tensile Modulus	180	thousand psi	ASTM D 638 type IV

*Resin A: 100% DGEBA resin (EEW=190)

*Resin B: 90% DGEBA resin (EEW=190) and 10% Epodil® 748 diluent

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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, Chungdong Road
Xinzhuang Industry Park
Shanghai, 201108
China

CL-Asiainfo@evonik.com

CL-Asiainfo@evonik.com

