

Product information

ANCAMINE® 3411

Curing Agent

DESCRIPTION

Ancamine 3411 curing agent is a modified cycloaliphatic amine adduct designed for use with liquid epoxy resin.

Ancamine 3411 curing agent is 100% reactive and contains no plasticiser or solvent and thus lends itself as a modifier or co-amine for other systems. It can be used in high chemical resistance system and where good mechanical properties are required.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Amber Liquid		
Colour	≤ 3	Gardner	ASTM D 1544-80
Viscosity @ 25°C	250-500	mPa.s	Brookfield RVTD, Spindle 4
Amine Value	430-480	mg KOH/g	Perchloric Acid Titration
Density @ 21°C	0.99	g/cm ³	
Equivalent Wt/{H}	68		
Recommended use Level	36	PHR	With Bisphenol A diglycidyl ether (EEW=190)

PERFORMANCE ADVANTAGES

- No plasticiser or solvent
- High chemical resistant coatings
- High Tg development
- High mechanical properties

APPLICATIONS

- Modifier for other amine cure systems to develop mechanical a chemical performance
- Composites
- Tooling Systems
- Adhesives

SHELF LIFE

At least 36 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. Do not freeze.

STORAGE AND HANDLING

Refer to the Material Safety Data Sheet for Ancamine 3411 curing agent.

TYPICAL HANDLING PROPERTIES*

Typical cure schedule: 2- 7 days at ambient temperature

* 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, Chungong Road
Xinzhuang Industry Park
Shanghai, 201108
China

CL-Asiainfo@evonik.com

CL-Asiainfo@evonik.com

