

## Product information

# ANCAMINE<sup>®</sup> 3902

## Curing Agent

### DESCRIPTION

Ancamine 3902 curing agent is a modified aliphatic polyamine intended for use with liquid epoxy resin. The relative low viscosity of Ancamine 3902 curing agent introduces good workability. Ancamine 3902 curing agent introduces high flexibility when used in adhesives, floorings and sealants.

### TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Amber liquid		
Colour	≤ 6	Gardner	ASTM D 1544-80
Viscosity @ 25°C	500-1700	mPa.s	Brookfield RVTD, Spindle 4
Amine Value	160-190	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 21°C	0.97		
Equivalent	250	Wt/{H}	
Recommended use Level	125-135	PHR	With Bisphenol A diglycidyl ether (EEW=190)

### ADVANTAGES

- High flexibility and impact resistance
- High tensile strength and elongation
- Good adhesion to mineral substrates

### APPLICATIONS

- Industrial coatings and floorings with crack bridging properties
- Flexible adhesives
- Secondary containment coatings

### 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 Ancamine 3902 curing agent.

## TYPICAL HANDLING PROPERTIES\*

Property	Value	Unit	Method
Gel Time (250g mix at 23°C)	45-50	mins	Techne GT-3 Gelation Timer
Typical cure schedule	2-7	days	

\*With Bisphenol A diglycidyl ether (EEW=190)

Ancamine® is a registered trademark of Evonik Industries AG or one of its subsidiaries.

### Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

### EVONIK OPERATIONS GMBH

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

[www.evonik.com/crosslinkers](http://www.evonik.com/crosslinkers)

**Product Information:** [APCSE@evonik.com](mailto:APCSE@evonik.com)

**Sample Request:** [APCSE@evonik.com](mailto:APCSE@evonik.com)

### EVONIK CORPORATION

Business Line Crosslinkers  
7001 Hamilton Boulevard  
Trexlerstown, PA 18087  
USA

[CrosslinkersProinfo@evonik.com](mailto:CrosslinkersProinfo@evonik.com)

[Crosslinkers-Samples@evonik.com](mailto: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](mailto:CL-Asiainfo@evonik.com)

[CL-Asiainfo@evonik.com](mailto:CL-Asiainfo@evonik.com)

