

# ANCAMINE® 3403

## Curing Agent

### DESCRIPTION

Ancamine 3403 curing agent is a polyanhydride designed to be used with liquid epoxy resins for high temperature applications.

Ancamine 3403 curing agent offers long working time, low shrinkage and low exotherm making it suitable when high electrical resistance is required. Curing at high temperature is recommended, with temperature preferably being well above 140°C for 10-15 h.

### TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Amber liquid		
Colour	≤ 6	Gardner	ASTM D 1544-80
Viscosity @ 25°C	50-370	mPa.s	Brookfield RVTD, Spindle 4
Specific Gravity @ 21°C	1.1		
Equivalent	165-175	Wt/{H}	
Recommended use Level	87-92	PHR	With Bisphenol A diglycidyl ether (EEW=190)

### ADVANTAGES

- Low viscosity
- Long pot life
- Low exotherm on heat
- High electrical resistance

### APPLICATIONS

- Large castings
- Electrical encapsulation
- Potting
- Composites

## SHELF LIFE

At least 18 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 3403 curing agent.

## TYPICAL HANDLING PROPERTIES\*

Property	Value	Unit	Method
Gel Time (250g mix at 23°C)	3000	mins	Techne GT-3 Gelation Timer
Typical cure schedule	2-7	days	

\*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](http://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

