

IMICURE[®] AMI-2

Curing Agent

DESCRIPTION

Imicure AMI-2 curing agent is an elevated temperature curing agent for epoxy systems. It is readily compatible with both liquid and solid epoxy resins, and because it is a catalytic curing agent, it is used at low loadings of 1-5 phr.

TYPICAL PROPERTIES

Property	Value	Unit
Appearance	White Powder	
Purity	min 99	%
Imidazole	< 0.5	%
Water	< 0.5	%
Boiling Range	≈ 264	°C
Melting Point	142-146	°C
Density	0.4 - 0.6	g/ml
Recommended Use Level (EEW=190)	2-4	phr

ADVANTAGES

- Soluble in water and common polar organic solvents
- Excellent dicyandiamide accelerator
- Develops Tg ≈ 150°C in heat-cured systems

APPLICATIONS

- Electrical Laminates
- Adhesives
- Pre-preg composites
- Encapsulation

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 Imicure AMI-2 curing agent.

TYPICAL HANDLING PROPERTIES

Property	Value	Unit
4 phr, ground to 80 mesh		
Pot Life @ 25°C (200 g mass w/ 1% fumed silica)	5.5	h

Imicure® 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

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

