

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.

ADVANTAGES

- Soluble in water and common polar organic solvents
- Excellent dicyandiamide accelerator
- Develops $T_g \approx 150^\circ\text{C}$ 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.

TABLE 1: TYPICAL PROPERTIES

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

TABLE 2: TYPICAL HANDLING PROPERTIES

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

Epoxy Curing Agents and Modifiers

IMICURE® AMI-2 Curing Agent

EVONIK RESOURCE EFFICIENCY GMBH

Business Line Crosslinkers
Paul-Baumann-Straße 1
45764 Marl
Germany

apcsepx@evonik.com
www.evonik.com/crosslinkers

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