

Product information

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

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Disclaimer

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