

## Product information

# AMICURE<sup>®</sup> CG-NA

## Curing Agent

### DESCRIPTION

Amicure CG-NA curing agent is an unpulverized grade of dicyandiamide designed for use as a latent curing agent for epoxy resins in solventbased processes.

### TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	White, Crystalline Solid		
Melt Point	405-406	°F	
Bulk Density	0.60	g/cm <sup>3</sup>	
Particle Size	Coarse		Mesh, Approximate
Latency	6	mo	
Equivalent Wt/{H}	21		
Recommended Use Level	4-15	phr	EEW=190

### ADVANTAGES

- Soluble in polar solvents such as acetone and DMF
- Shelf stability of up to 6 months at 77°F in properly formulated systems
- Activation temperature can be varied from 356°F to 203°F with appropriate accelerator selection
- No flow control additives to inhibit solubility

### APPLICATIONS

- Electrical laminates
- Solvent-based, pre-preg composites

### 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 Amicure CG-NA curing agent.

## TYPICAL CURE SCHEDULE

- 1–2 hours at 350°F.
- 45 minutes at 250°F with 0.5 parts of imidazole such as Imicure® AMI-2 curing Agent.

## TYPICAL HANDLING PROPERTIES

**Gel Time (150g mix @ 77°F) (mon) 12 - 18**

## TYPICAL PERFORMANCE

**Tg (°F) 121**

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