

Amicure® 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.

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.

TABLE 1: TYPICAL PROPERTIES

Appearance	White, Crystalline Solid
Melt Point (°F)	405-406
Bulk Density (g/cm³)	0.60
Equivalent Wt/{H}	21
Particle Size (Mesh, Approximate)	Coarse
Recommended Use Level (phr, EEW=190)	4-15
Latency (mo)	6

TABLE 2: TYPICAL HANDLING PROPERTIES

Gel Time (150g mix @ 77°F) (mon)	12-18
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TABLE 3: TYPICAL PERFORMANCE

Tg (°F)	121
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Epoxy Curing Agents and Modifiers

Amicure® CG-NA Curing Agent

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