

## Product information

# DICYANEX<sup>®</sup> 200-X

## Curing Agent

### DESCRIPTION

Dicyanex 200-X is a pulverized grade of dicyandiamide designed for use as a latent curing agent for epoxy resins in solvent-based processes.

### TYPICAL PROPERTIES

Property	Value	Unit
Appearance	White, Crystalline Particles	
Melting Point	405-412	°F
Particle Size (microns), 50 %	<200	
Nitrogen as % of Dicyandiamide	99	
Equivalent Wt/{H}	21	
Recommended Use Level (EEW=190)	4-15	phr

### ADVANTAGES

- Enhanced solubility in polar solvents, such as acetone and DMF, due to reduced particle size
- Shelf stability of up to 6 months at 77°F
- Activation temperature can be easily varied from 356-203°F with appropriate accelerator selection
- No flow control additives to inhibit solubility

### APPLICATIONS

- Electrical Laminates
- Recreational and industrial pre-preg composites

### SHELF LIFE

At least 12 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 Dicyanex 200-X curing agent.



## TYPICAL CURE SCHEDULE

- 30 minutes to 2 hours at 356°F.
- 45 minutes at 248°F with 0.5 parts Imicure™ AMI-2 curing agent.

## SUGGESTED ACCELERATORS

**Imicure™ AMI-2**  
**Amicure™ UR/UR2T**  
**Other Imidazoles**

## TYPICAL PERFORMANCE \*

Property	Value	Unit
Heat Deflection Temperature **	250	°F
when accelerated with Amicure UR	239	

\* Dicyanex 200-X curing agent formulated with standard Bisphenol-A based (DGEBA, EEW=190) epoxy resin.

\*\* Measured using DSC with 50 °F/min ramp. Value will be higher when accelerated with an imidazole.

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