

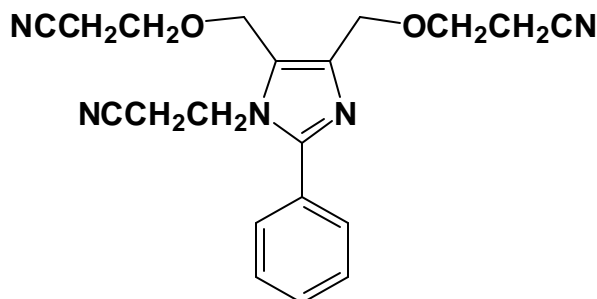
A&C Catalysts, Inc.

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TECHNICAL BULLETIN

Technicure® Imidazole Curing Agents 2-PHICN



1-(2-cyanoethyl)-2-phenyl-4,5-di-(cyanoethoxymethyl) Imidazole

Typical Properties

Appearance	Light to Dark Brown Viscous Liquid
Assay (GC):	90% min.
Acrylonitrile:	500 ppm max

Performance Properties

- Recommended Use Level with BADGE EEW 190: 5-7 PHR
- Working Life: 10 days
- Gel Time @150C: 13 sec.
- Gel Time @100C: 15 Minutes
- HDT: 350F

Uses

1-(2-cyanoethyl)-2-phenyl-4,5-di(cyanoethoxymethyl)imidazole is a liquid imidazole catalyst providing possibly the most latency (>10 days) and compatibility with liquid resin systems. The reaction rate can be accelerated via addition of Novolac or Bisphenol-A. 2PHICN is an excellent accelerator for anhydride and dicyandiamide curing systems in similar applications to EMI-24-CN product.

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