



A&C Catalysts, Inc.

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TECHNICAL BULLETIN

Technicure® Imidazole Curing Agents IA-6

Typical Properties

Appearance	Straw Colored Liquid
Gel Time @100C (BADGE EEW 190)	8 Minutes
Gel Time @100C (BADGE EEW 190 + MHHPA)	20 Minutes
Viscosity	2,000 cps max

Performance Properties

- Cost-Effective Replacement to 2-ethyl, 4-methyl imidazole
- Non-crystallizing
- Low outgassing
- Fast Cure
- High Tgs
- Excellent Accelerator for DICY and Anhydrides

Uses

Technicure IA-6 is a proprietary imidazole adduct that can be used as a cost-effective replacement for other liquid imidazoles such as 2-ethyl, 4-methyl imidazole with minimal sacrifice in speed of cure and longer pot life, since it does not have any active hydrogens. IA-6 is an effective accelerator for dicyandiamide and anhydrides, such as methyl tetrahydrophthalic anhydride. At a viscosity of less than 2000 cps, IA-6 is easily dispersed in epoxy systems. Also this low viscosity allows high filler loading in adhesives and excellent impregnation in composites.

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