

Amroy AA135/125 – Curing agent for epoxies

- ✓ High Tg Low viscosity liquid curing agent
- ✓ Suitable for all reinforcement structures
- ✓ Use with High performance HYBTONITE® nanoepoxy resin
- ✓ Compatible with most industrial processes

Amroy AA135/125 cycloaliphatic amine

The curing agent is a tailor-made low viscosity amine curing agent.

It is suitable for many industrial applications including infusion, RTM, laminating etc. It imparts

excellent wetting and mechanical performance with HYBTONITE® resin.

Amroy AA135/125 – curing agent for Epopox™, Hybtonite® and Firetonite™ epoxies

Description	Acid anhydride blend
Ahew (Calc.), g/equiv.	220 – 240
Viscosity, mPa·S	200 – 300
Gel time min at 21 °C	800 – 1200
Min cure temperature, °C	120
Tensile Modulus, GPa	3 – 4 GPa (Depends heavily on resin and cure schedule)
Max Elongation at break, %	4 – 6 (Depends on resin)
Optimal cure schedule	2hr 120 °C + 2hr 160 °C + 2hr 200 °C
Max Tg w. heat cure, °C	190
Properties	Long pot life and good mechanical strength; Tg up to 190 °C

Storage life

The system may crystallize with cold or moisture. Storage time is up to three years in closed containers stored at 10 – 40 °C protected from direct sunlight and water.

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