

Amroy CA23 – 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 CA23 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 CA23 – curing agent for Epopox™, Hybtonite® and Firetonite™ epoxies

Description	Amine blend
Ahew (Calc.), g/equiv.	39 – 43
Viscosity, mPa·S	10 – 20
Gel time min at 21 °C	40 – 90
Min cure temperature, °C	30
Tensile Modulus, GPa	3 – 4 GPa (Depends heavily on resin and cure schedule)
Max Elongation at break, %	5 – 8 (Depends on resin)
Optimal cure schedule	2hr 80 °C + 2hr 140 °C + 2hr 180 °C
Max Tg w. heat cure, °C	175
Properties	Fast cure and good mechanical strength, Tg up to 175 °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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