

Amroy CA36 – Curing agent for epoxies

- ✓ **Fast cure Low viscosity liquid curing agent**
- ✓ **Suitable for all reinforcement structures**
- ✓ **Use with high performance HYBTONITE® nanoepoxy resin**
- ✓ **Compatible with most industrial processes**

Amroy CA36 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 CA36 – curing agent for Epopox™, Hybtonite® and Firetonite™ epoxies

Description	Amine blend
Ahew (Calc.), g/equiv.	58 – 60
Viscosity, mPa·S	5 – 20
Gel time min at 21 °C	45 – 90
Min cure temperature, °C	15
Tensile Modulus, GPa	3 – 4 GPa (Depends heavily on resin and cure schedule)
Max Elongation at break, %	8 – 12 (Depends on resin)
Optimal cure schedule	4 hours 60 °C + 4 hours 80 °C (Can be taylor made)
Max Tg w. heat cure, °C	100
Properties	Good wetting, easy to operate; Tg less than 100 °C, long pot life

Storage life

The system does not crystallize. Storage time is at least three years in closed containers stored at 5 – 40 °C protected from direct sunlight and water..

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