

Amroy CA40 – 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 CA40 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 CA40 – curing agent for Epopox™, Hybtonite® and Firetonite™ epoxies

Description	Amine blend
Ahew (Calc.), g/equiv.	70 – 75
Viscosity, mPa·S	50 – 200
Gel time min at 21 °C	10 – 20
Min cure temperature, °C	5 (Cures even under water)
Tensile Modulus, GPa	3 – 4 GPa (Depends heavily on resin and cure schedule)
Max Elongation at break, %	5 – 6 (Depends on resin)
Optimal cure schedule	Can be used at accelerator for other curing agents
Max Tg w. heat cure, °C	100
Properties	Excellent chemical resistance and moisture resistance, Tg less than 100 °C; good accelerator

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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