

## Amroy CA16 – 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 CA16 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 CA16 – curing agent for Epopox™, Hybtonite® and Firetonite™ epoxies

Description	Amine blend
Ahew (Calc.), g/equiv.	28 – 30
Viscosity, mPa·S	50 – 100
Gel time min at 21 °C	120 – 200
Min cure temperature, °C	60
Tensile Modulus, GPa	3 – 4 GPa (Depends heavily on resin and cure schedule)
Max Elongation at break, %	6 – 9 (Depends on resin)
Optimal cure schedule	2hr 80 °C + 2hr 120 °C + 2hr 160 °C + 2hr 200 °C
Max Tg w. heat cure, °C	185
Properties	Excellent chemical resistance and mechanical strength; Tg up to 185 °C

### 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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