

Amroy AA110/100 – 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 AA110/100 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 AA110/100 – curing agent for Epopox™, Hybtonite® and Firetonite™ epoxies

Description	Acid anhydride blend
Ahew (Calc.), g/equiv.	160 – 170
Viscosity, mPa·S	20 – 100
Gel time min at 21 °C	600 – 1200
Min cure, °C	80
Tensile Modulus, GPa	3 – 4 GPa (Depends heavily on resin and cure schedule)
Max Elongation at break, %	4 – 7 (Depends on resin)
Optimal cure schedule	2hr 80 °C + 2hr 120 °C + 2hr 160 °C
Max Tg w. heat cure, °C	150
Properties	Long pot life and good mechanical strength, Tg up to 150 °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.

Amroy Europe Oy

VAT No: FI19869654

Postal address
Fax
Homepage

P. O. Box 144, FI – 15101 Lahti, FINLAND
+358 20 711 8609 (production & orders)
www.amroy.fi

All this information is given in good faith and is based on Amroy Europe Oy's and its partners' investigations and knowledge. Amroy Europe Oy does not guarantee any of this data nor the misuse of this product or its consequences because the conditions of use are beyond our control. Furthermore nothing contained here shall be construed in conflict with any patents.