



YT-1102 Waterborne Non-Ionic Curing Agent

OVERVIEW

YT-1102 is a waterborne non-ionic curing agent synthesised from aliphatic monomers. It has excellent anti-yellowing performance and can serve as a crosslinker for most neutral waterborne polymers, giving coatings higher hardness, water resistance, chemical resistance and adhesion. The product is used as a two-component system and provides a long activation open time when dispersed into the emulsion.

KEY SPECS

Appearance	Colorless transparent liquid	Solid content	99 – 100%
Density	1.14 – 1.16 g/cm ³	Viscosity	1,200 – 4,000 mPa·s
NCO content	19 – 21%	Free monomer	≤ 0.2%

KEY FEATURES

- ✓ Excellent anti-yellowing performance
- ✓ Significantly increases film hardness and adhesion
- ✓ Improves water and chemical resistance
- ✓ 5–6 hour open time for a wide application window

APPLICATIONS

- ✓ Crosslinker for most neutral waterborne polymers
- ✓ Coating systems requiring hardness, water and chemical resistance

APPLICATION NOTES

Two-component use: a 5–6 hour open time ensures the job can be completed. The product can be thinned with non-hydroxyl solvents such as ketones, esters, glycol ethers and ether esters, but the water content of the thinning solvent must meet polyurethane grade.

STORAGE

Keep sealed and store in a cool, dry place for 6 months. Once the lid is opened, use the product as soon as possible. Packaging 200 kg drum