



YT-6300 Waterborne Anionic Curing Agent

OVERVIEW

YT-6300 is a waterborne anionic curing agent synthesised from aliphatic monomers. It has excellent anti-yellowing performance and can be mixed thoroughly with the resin by hand stirring; it serves as a crosslinker for most neutral waterborne polymers, giving coatings higher hardness, water resistance, chemical resistance and adhesion.

KEY SPECS

Appearance	Light yellow transparent liquid	Solid content	100%
Density	1.14 – 1.16 g/cm ³	Viscosity	1,800 – 3,500 mPa·s
NCO content	20.5 – 21.5%	Free monomer	≤ 0.2%

KEY FEATURES

- ✓ Excellent water dispersibility — less or no organic solvent needed
- ✓ Very high NCO content for a lower dosage than conventional grades
- ✓ 3–4 hour open time; mixable by hand stirring
- ✓ Excellent anti-yellowing performance
- ✓ Increases hardness, water and chemical resistance and adhesion

APPLICATIONS

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

APPLICATION NOTES

Two-component use: excellent water dispersibility reduces the amount of organic solvent required and the product can even be used without thinning; the very high NCO content means a lower dosage than conventional curing agents; a 3–4 hour activation open time ensures the job can be completed. It 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 50 kg / 200 kg drum