



YT-330B Polyurethane Associative Thickener

OVERVIEW

YT-330B is a waterborne non-ionic polyurethane associative thickener and rheology modifier independently developed by our company. Eco-friendly and non-toxic, it contains no organic tin or APEO, delivers excellent thickening efficiency with outstanding flow and leveling, and is widely used in waterborne coatings, waterborne adhesives, waterborne inks, textile coatings and leather finishing.

KEY SPECS

Appearance	Colorless or semi-transparent liquid	Solid content	30 ± 1%
Colloid charge	Non-ionic	Viscosity (25 °C)	20000 – 30000 mPa·s (25 °C)
Specific gravity	1.02 – 1.06		

KEY FEATURES

- ✓ Medium-to-high associative type: high viscosity under high shear with excellent leveling
- ✓ Excellent thickening efficiency with outstanding anti-settling and anti-floating properties
- ✓ Free of organic tin, APEO and other toxic substances
- ✓ Good dispersibility, helping wetting and dispersion of pigments in formulations
- ✓ Non-ionic: performance unaffected by system pH
- ✓ No adverse effect on the gloss of formulated products

APPLICATIONS

- ✓ Waterborne coatings
- ✓ Waterborne adhesives
- ✓ Waterborne inks
- ✓ Textile coatings
- ✓ Leather finishing

APPLICATION NOTES

Associative thickening is temperature-dependent: viscosity is higher at low temperatures and lower at high temperatures; take temperature conditions into

account when formulating.

STORAGE

Store in a cool, dry, well-ventilated environment at 15–35 °C. Shelf life: 12 months.
Avoid freezing and direct sunlight. Packaging 50 kg / 125 kg plastic drum