



YT-255E Low-Shear High-Thixotropic Associative PU Thickener (HEUR)

OVERVIEW

YT-255E is a self-developed nonionic associative waterborne polyurethane thickener (HEUR). It delivers low-shear strong pseudoplasticity and high viscosity build in coatings, with excellent pigment wetting performance. Tin-free and toluene-free, it is an eco-friendly rheology modifier suitable as a drop-in alternative to 12W and 299. Widely used in waterborne coatings for high thickening efficiency, spatter resistance and anti-settling performance.

KEY SPECS

Appearance	Slightly white transparent liquid	Solid content	40 ± 2%
pH value	6 – 8	Viscosity	5,000 – 8,000 mPa·s

KEY FEATURES

- ✓ Low-shear strong pseudoplasticity with high viscosity build
- ✓ Excellent pigment wetting and high thickening efficiency
- ✓ Anti-spatter and anti-settling in waterborne coatings
- ✓ Tin-free and toluene-free; eco-friendly formulation

APPLICATIONS

- ✓ Architectural & industrial waterborne coatings
- ✓ Latex paints & emulsion coatings
- ✓ Pigment-rich or high-solids waterborne systems

STORAGE

Store at 5–30 °C in a cool, dry, well-ventilated place; shelf life 12 months. Avoid freezing and direct light. Packaging 50 kg / 120 kg plastic drum