



YT-2250 High-Solid Waterborne Polyurethane Resin

OVERVIEW

YT-2250 is a high-solid aliphatic waterborne polyurethane dispersion developed by our company, designed specifically for coatings on soft substrates such as leather and textiles. It forms a medium-soft, highly resilient film with excellent yellowing and hydrolysis resistance. Compatibility with inorganic powders (matting agents, fillers, pigments) has been specially optimised, giving good dispersion stability without flocculation or settling, while flex and damp-heat ageing resistance suit applications with high durability and appearance-stability requirements.

KEY SPECS

Ionic type	Anionic	Appearance	Milky white liquid
Solid content	50 ± 2%	100% modulus	3 MPa
Viscosity	100 – 500 mPa·s		

KEY FEATURES

- ✓ Medium-soft film with good resilience
- ✓ Excellent yellowing and hydrolysis resistance
- ✓ Good compatibility with inorganic powders; stable dispersion without flocculation or settling
- ✓ Flex and damp-heat ageing resistant

APPLICATIONS

- ✓ Leather top finishing
- ✓ Textile coating and finishing
- ✓ Highly filled matte coating systems
- ✓ Footwear upper coating
- ✓ Bag and furniture leather finishing
- ✓ Automotive interior surface treatment

STORAGE

Store at 5–35 °C; avoid freezing, high temperature and direct sunlight. Shelf life: 6 months. Shipped as non-hazardous goods. Packaging 50 kg plastic drum / IBC tote