# YT-3300 Bio-based Waterborne Polyurethane Resin

## OVERVIEW

YT-3300 is a self-developed bio-based waterborne polyurethane resin designed for specialty top-coat applications. It forms clear, tough films with excellent resistance to wet and dry rubbing, cutting, solvents and scratching, along with strong adhesion that enhances coating durability. It is mainly used as a film-forming binder in high-performance inks and special eco-friendly coatings, other high-strength coating systems, and performs well in non-peel nail polish applications.

## KEY SPECS

| | | | |
|---|---|---|---|
| **Appearance** | Semi-transparent to transparent liquid | **Solid content** | 30% |
| **Adhesion (cross-cut)** | ≤ Grade 3 | **Flexibility** | ≤ 0.5 mm |
| **Abrasion loss** | ≤ 0.01 | **pH value** | 7 – 9 |

## KEY FEATURES

- ✓ Bio-based resin for specialty top-coat applications
- ✓ Clear, tough films with excellent wet/dry rub, cut, solvent and scratch resistance
- ✓ Strong adhesion that enhances coating durability

## APPLICATIONS

- ✓ High-performance inks and special eco-friendly coatings (film-forming binder)
- ✓ High-strength coating systems
- ✓ Non-peel nail polish

## STORAGE

Store at 2–25 °C in a cool, dry, well-ventilated place; shelf life 12 months. Avoid freezing and direct light. Do not contact directly with curing-agent products. Packaging 50 kg / 120 kg plastic drum