YT-6058 High-Hardness Waterborne Polyurethane Resin

OVERVIEW

YT-6058 is a self-developed anionic aliphatic waterborne polyurethane dispersion. It is eco-friendly and non-toxic, forms hard films with high gloss, excellent color development and strong adhesion, with good solvent and water resistance. It is widely used in wood topcoats, industrial coatings and floor paints for hard substrates.

KEY SPECS

Appearance	Semi-transparent liquid	**Solid content**	40 ± 2%
pH value	6 – 9	**Viscosity**	50 – 200 mPa·s
Pencil hardness	1H – 2H	**Tensile strength**	—
Elongation at break	—		

KEY FEATURES

- ✓ High film hardness up to 2H with excellent gloss and color development
- ✓ Good adhesion with excellent water and solvent resistance
- ✓ Eco-friendly specialty grade for hard-substrate topcoats

APPLICATIONS

✓ Wood topcoats ✓ Industrial coatings ✓ Floor coatings for hard substrates

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