

Dispersant LD-6076

(Similar to TEGO-760W)

First, Product Overview

LD-6076 is a special dispersant for water-borne pigment pastes, which is used to disperse organic pigments and carbon black. It has a good effect of viscosity reduction in water-borne systems. It is widely used in water-borne pigment pastes and water-borne inks. It uses the principle of spatial hindrance to prevent further flocculation of pigment particles.

Second, Physical properties

Composition: high molecular block copolymer with pigment affinity groups

Appearance: colorless to light yellow transparent liquid

Active ingredient: 35%

Solubility: soluble in water

Solvent: water

Third, Chemical properties

Especially suitable for carbon black and organic pigments

Strongly reduce grinding viscosity

Mainly recommended for grinding with resin

Provides excellent color strength

Solvent-free and ethoxynonylphenol-free

Fourth, Application examples

Flexographic and gravure printing inks, ink-jet inks, industrial coatings, leather coatings, pigment concentrates. The recommended dosage for above applications is 5-10% upon pigments if grinded in the presence of resin and is 1.0-5.0% if grinded without resin. The recommended dosage for leather precoating primers, primers and finishes based on polyurethane, acrylic resins, nitro and casein systems is 0.2-1.0%.

Fifth, Storage and packaging

25kg plastic bucket. This product does not contain flammable and explosive solvents, and is transported as general non dangerous goods. When unopened the storage period is 12 months under normal temperature conditions.