

Dispersant LD-6774

(Similar to Dispersogen 2774)

First, Summary

Wetting dispersing agent without VOC, used for water-borne paint systems, wood paints, ink-jet, printing inks and adhesives. It is suitable for resin-free pigment concentrates. It is suitable for all kinds of pigments.

Second, Chemical composition

High molecular weight polyether block copolymer with pigment affinity groups.

Third, Main parameters

Acid value: 10 mg KOH/g

Density: 1.06 g/cm³

Active ingredient: 50%

Solvent: Water

Fourth, Application area

Printing inks, architectural paints, wood and furniture paints, automotive paints, anti-corrosion paints, leather paints, pigment pastes, ink jet.

Fifth, Features and Benefits

The additive can deflocculate pigment particles by stabilizing via steric hindrance. As the resulting particle size of pigment particles is small, high gloss and improved color strength could be achieved. In addition, the transparency of transparent pigments and the hiding power of opaque pigments are also improved. Due to the viscosity reduction, the leveling and fluidity are also improved, and the pigment content could be increased.

Sixth, Recommended use

The additive is particularly suitable for the production of stable resin-free pigment concentrates with pigment content around 30-60%. These pigment concentrates can be used with standard water-borne base materials, such as acrylic dispersions or water-soluble acrylic resins. The additive is universal.

Seven, Addition and handling

Grinding can only be carried out in water (without resins, amines and cosolvents). Mix the additive with water, and then add the pigment after the additive is fully dispersed and evenly distributed.

Eight, Storage and packaging

25KG, 50KG and 200KG plastic drums.

Store in a cool and dry place. When unopened, the storage period is 2 years.