

Dispersant LD-6406

First, Main components

Block copolymer alkyl ammonium salt with acidic groups

Second, Physical parameters

Appearance: light yellow to yellow transparent liquid

Density: 1.1-1.2 g/cm³

Flash point: > 100 °C

Active content: 100%

Third, Recommended dosage

Inorganic pigment: 5-10%

Titanium dioxide: 1.5-2.5%

Fourth, Precautions and advantages

LD-6406 could prevent pigment flocculation through steric stabilization. It provides equal charge to pigment particles to avoid the possibility of co-flocculation of pigment particles with unequal charge. Since the stabilized pigment particles are very small, high gloss, improved color strength, high transparency and hiding power could be achieved. LD-6406 reduces the viscosity, so the leveling property and pigment content are improved. LD-6406 is used for solvent-borne, solvent-free and water-borne coating systems to prevent the flocculation of inorganic pigments (especially titanium dioxide). LD-6406 contains no solvent, so it is suitable for low VOC and VOC-free systems.

Fifth, Storage and packaging

50KG and 25KG plastic drums. Store in a cool, dry and ventilated place away from light. When the temperature is lower than 10°C, turbidity and separation may occur. Before use, it should be heated to room temperature and mixed evenly. The quality of the product will not be affected.