

Dispersant LD-1907

Summary

LD-1907 is a new type of polymer dispersants. It is based on a block copolymerization technology. The polymer molecular structure contains multiple pigment affinity groups, they provide strong adsorption capacity for various pigments. The dispersant has outstanding compatibility with most of common resin systems. It has excellent performance in reducing the viscosity of pigment pastes. LD-1907 increases the amount of pigment content and provides good storage stability.

Physical indicators

Appearance: viscous yellow liquid

Composition: polymer containing pigment affinity groups

Active ingredient: 100%

Characteristics

1. Dispersant could improve the wettability of carbon black pigments and shorten the dispersion stage time.
2. LD-1907 reduces pigment floating and color separation.
3. The additive prevents carbon black pigment aggregation and provides the color stability in the pigment paste.
4. LD-1907 reduces the viscosity of carbon black paste.

Scope of application

1. LD-1907 is especially recommended for carbon black pigments.
2. It is suitable for solvent-borne and solvent-free systems, adhesives, PVC plastisols and pigment masterbatches.
3. The additive doesn't contain plasticizers and is suitable for applications with food contact.

Dosage and handling

Titanium dioxide: 1-3%

Inorganic pigment: 5-10%

Organic pigment: 10-25%

Carbon black: 15-50%

In order to obtain the best performance, the additive should be mixed well with the medium before adding the pigment.

Storage and packaging

25KG and 50KG plastic drums.

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