

Coating And Ink Wetting Dispersant LD-1950

First, Summary

LD-1950 dispersant is a kind of universal dispersant for all water-borne resins with strong deflocculation ability. It can significantly improve the pigment wetting, fully reduce the grinding time and stabilize the pigment dispersion. It is suitable for dispersing and stabilizing of inorganic pigments and fillers and carbon black. It can significantly improve the wetting of pigments. Through the steric hindrance, the pigment can be deflocculated. It can significantly reduce the grinding viscosity, increase the pigment content, fully reduce the grinding time, and significantly improve the leveling performance and increase the gloss. It can prevent the flocculation of the pigment, make the hue and coloring power more prominent, increase the color development and covering power of pigment, and prevent floating and color blooming.

Second, Technical index

Chemical composition: solution of copolymer with acid group

Appearance (25 °C): light yellow or light brown viscous liquid

Active substance content: 50%

Solvent: PMA

Characteristic:

Suitable for all water-borne resins

Could greatly reduce the viscosity of the system

Prevents flocculation of the pigment and color floating and blooming

Improves luster, increase the color development and hiding power of the pigment

Third, Typical applications

Water-borne and resin anticorrosive coatings, water-borne and resin industrial coatings, epoxy floor coatings, automotive coatings, coil coating systems

Forth, Recommended usage

It has wide applicability. According to different application systems, the recommended dosage is 2% - 10% upon inorganic pigment, is 2% - 4% upon titanium dioxide, is 25% - 70% upon carbon black (depending on the specific surface area of the pigment).

It is suitable for sand grinding, roller grinding, ball milling and other dispersion methods.

Fifth, Packaging and storage

25kg or 50kg plastic bucket

Keep away from heat and fire sources, store in a cool and ventilated place at 0-40 °C, and keep it sealed.