Dispersant

RD-9312

Features and advantages:

RD-9312 is a polymer copolymer with acidic groups, solvent free, suitable for solvent based and solvent free coatings and printing inks. Mainly for inorganic pigment, titanium dioxide, filler and other materials grinding wetting dispersion stability, and can effectively reduce the viscosity of abrasive.

The product can deflocculate pigment through steric resistance stabilization, improve luster, and enhance color strength of pigment. In addition, the hiding power of pigment has also been improved. The flow property of the system was improved and the content of pigment was increased because of the obvious viscosity reduction effect. When the electrostatic equipment is used, the fog and shadow of the coating containing inorganic pigments can be significantly reduced.

Product specifications:

appearance	Pale yellow liquid
Non-volatile portion of	99±1%
The proportion of	1.12g/cm3
Flash point	>100 °C

Application: Solvent - and solvent - free (UV) coatings and printing inks. Its anionic properties make it ideal for acid

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catalytic systems (e.g., coil coatings)

Recommended dosage:

Dispersant dosage (g) = [specific surface area of pigment (m2/g) ÷ 500] × weight of pigment (g)

Types of paint	Inorganic pigments	packing	Titanium dioxide
Dispersant dosage	2—5.0%	0.5—1.5%	1-3%

Usage: For best performance, first add RD-9312 into the mixture of grinding base material, then add pigment for grinding.

Packing: net weight 25Kg/ drum, 200kg/drum.

Storage:

1, away from high temperature and fire, placed in a cool and ventilated place;

2, please seal after use;

3. Shelf life is 24 months.

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