



wetting dispersant Better BD-8213

Product Description:

Better BD-8213 It is an acrylic copolymer based wetting and dispersing agent with a 98% active content based on controllable polymerization technology. It has wide compatibility in UV curing systems, including water-based UV systems, and exhibits excellent stability for carbon black and organic pigments. It can increase the amount of pigment added in the formula, reduce system viscosity, improve coloring power and film gloss, and the paint system has good flowability.

physical property:

composition	acrylate copolymer
Activity content%	98%
appearance	Light brown liquid
Chromaticity	< 5 (Gardner No.)
Acid value/amine value	7-10/12-18 mg KOH/g

Features and advantages:

Better BD-8213 Suitable for stabilizing various pigments, especially carbon black and organic pigments, in 100% UV systems, solvent based UV systems, and water-based UV systems. It has good compatibility with UV resins and can effectively reduce system viscosity to minimize thixotropy performance, enhance paint system stability, improve coloring power and film gloss, and reduce film haze.

application area:

Suitable for 100% UV systems, solvent based UV systems, and water-based UV systems.

usage:

1. To achieve optimal performance, wetting dispersants should be added to the grinding material; For resin free grinding, the solvent and additives should be pre mixed under stirring, and then pigments should be added; For resin containing grinding, the resin, solvent, and additives should be mixed evenly before adding pigments.

2. Addition amount (the amount depends on the diameter of the pigment, and the optimal amount must be determined through a series of experiments)

pigment	Dispersed dose
Organic pigments	10-35%
inorganic pigment	5-15%
titanium dioxide	2-10%
carbon black	15-40%

Packaging and Storage:

25、200KG/barrel.

If the product is not completely used up, the container must be

immediately closed tightly; During low-temperature storage and transportation,

Layering and turbidity may occur, heat to 30–60 °C and mix thoroughly before use.

Heavy metal content:

content	Sb	As	Ba	Cd	Cr	Pb	Hg	Se	Zn
ppm	<5	<2.5	<10	<5	<5	<5	<5	<5	<10

Note: The data provided on this data page are only typical values and are not technical indicators of the product.