wetting dispersant

Better BD-8215

Product Description:

Better BD-8215 It is a 52% active wetting and dispersing agent containing alkaline pigment affinity group block copolymer. It has wide compatibility in solvent based paint systems and exhibits excellent grinding and dispersion performance for carbon black and organic pigments. It can increase the amount of pigment added in the grinding formula, while still having low viscosity, good fluidity, and long-term storage stability.

Product specifications :

appearance	Yellow viscous liquid
Chromaticity	＜ 8（Gardner No.）
Amine value	40-53 （mg KOH/g）
Solvent	PMA
Specific gravity	1.01g/cm^3
Boiling point	约 145℃ /293℉
Flash point	＞47.9℃/118.2℉(闭杯)

Application scope :

1) Disperse carbon black and organic and inorganic pigments in solvent based systems.
2) Industrial paint, wood paint, universal color paste, automotive paint, and architectural paint.

Addition amount and usage method

Suggested dosage: Dispersal dosage/pigment weight

pigment	%Dispersed dose
inorganic pigment	10-15%
titanium dioxide	3-5%
Organic pigments	30-60%
carbon black	60-140%

The above dosage largely depends on the particle size of the pigment, and the final dosage needs to be determined through a series of experiments.

Usage:

Pre mix the carrier resin with the solvent, and then slowly add Better BD-8215 to the grinding material under stirring to dissolve evenly. Add pigments while stirring, and then proceed with the grinding operation.

It is also suitable for adding processing after high shear.

Packaging and Storage: 25、200 kg/ barrel ,

Keep away from ignition sources and place in a cool and ventilated place;

During low-temperature storage and transportation, stratification and turbidity may occur. Before use, heat to 30-60 ℃ and mix thoroughly before use;

One year under normal storage conditions;

Heavy metal content:

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