



Wetting dispersant

Better BD-8120

Product Description:

Better BD-8120 It is a medium to high molecular weight dispersant with a 100% active content. In solvent based ink systems and water-based systems, it exhibits excellent grinding and dispersion properties for carbon black and organic pigments, which can increase the amount of toner added to the grinding formula, while still having low viscosity, good fluidity, and storage stability.

Product specification:

appearance	Light yellow viscous liquid
tone (Gardner No.)	< 11
proportion	0.93g/cm ³ (7.75 lbs/US gal)
boiling point	decomposition temperature >250°C (482°F)
Flash point	188°C (370°F)

Scope of application:

1. Disperse ground carbon black and organic pigments in a solvent based system.
2. Automotive paint, industrial paint, plastic paint, and PU color paste color chips.

Addition amount and usage

Addition amount: pigment surface area (m²/g) ÷ 5 = % dispersant activity/pigment weight

pigment	Activity amount of dispersant
Organic pigment	8-12%
conductex	10-20%
High specific surface area carbon black	40-60%

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

Usage:

Better BD-8120 Adding to the grinding base material;

If necessary, add a multiplier and stir evenly;

Add the pigment in the mixing process, and then carry out the grinding operation.

Storage packaging:

25、200 kg/ Barrel.

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