



Wetting dispersant

Better BD-8121

Product Description:

Better BD-8121 It is a medium to high molecular weight dispersant with a 50% active content. In solvent based ink systems and oily acrylic systems, it exhibits excellent grinding and dispersion properties for carbon black and organic pigments, improving 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.)	<5
dissolvent	Propylene glycol methyl ether acetate (PMA)
proportion	0.93g/cm ³ (7.75 lbs/US gal)
boiling point	decomposition temperature>149°C (300°F)
Flash point	42.2°C (108°F)

Scope of application:

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

Addition amount and usage:

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

pigment	Activity amount of dispersant
Organic pigment	16-24%
conductex	20-40%
High specific surface area carbon black	80-120%

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-8121 Add 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