



wetting dispersant

Better BD-8210

Product Description:

Better BD-8210 It is a medium to high molecular weight dispersant with a 50% active content. In solvent based ink and coating systems, it exhibits excellent grinding and dispersion performance for carbon black and organic pigments, which can increase the amount of toner added in the grinding formula, while still having low viscosity, good fluidity, and storage stability.

Product specifications:

Appearance	Light yellow to yellow liquid
Gardner No	≤9
solvent	xylene
proportion	0.93g/cm ³ (7.75 lbs/US gal)
boiling point	139°C (solvent) /282.2°F
flash point	26°C (solvent)/78.8°F

Application scope:

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

Addition amount and usage method

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

pigment	Dispersant activity
Organic pigments	16-24%
carbon black	20-40%
High specific surface area carbon black	80-120%

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:

Better BD-8210 Add to the grinding base material, if necessary, add a multiplier, and stir evenly.

Add pigment in the mixing process, and then proceed with the grinding operation.

Storage packaging: 25、200 kg/ Bucket.

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

Under normal storage conditions, it is one year.

Heavy metal content:

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

All the information above is based on latest empirical data obtained at BETTER laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.