



## wetting dispersant

### Better BD-8200

#### *Product Description:*

**Better BD-8200** It is a medium to high molecular weight dispersant with 100% active content. It exhibits excellent grinding and dispersion performance for carbon black and organic pigments in solvent based ink and coating systems, as well as water-based systems. It can increase the amount of color powder added in the grinding formula, while still having low viscosity, good fluidity, and storage stability.

#### *Product specifications:*

Appearance	Light yellow viscous liquid
chrominance (Gardner No.)	<11
proportion	0.93g/cm <sup>3</sup> (7.75 lbs/US gal)
boiling point	Decomposition temperature>250 °C (482 °F)
Flash point	188°C (370°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 (m<sup>2</sup>/g) ÷ 5=% dispersant activity/pigment weight

pigment	Dispersed dose
Organic pigments	8-12%
carbon black	10-20%
High specific surface area carbon black	40-60%

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-8200** 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.