



Wetting dispersant

Better BWD-8273

Product Description:

Better BD-8273 It is a high molecular weight dispersant with 97% active ingredients. It exhibits excellent grinding and dispersion performance for carbon black, carbon nanotubes, and organic pigments in solvent based ink and coating systems, as well as water-based systems. It can increase the amount of pigment added in the grinding formula, while still having low viscosity, good fluidity, and storage stability.

Product specifications:

Appearance	Light yellow viscous liquid
chroma (Gardner No.)	<11
proportion	0.96g/cm ³ (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, carbon nanotubes, and organic pigments in solvent based and water-based systems.
2. Automotive paint, industrial paint, plastic paint, ink, and PU color paste color chips, etc.

Add quantity and usage method

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

pigment	Dispersed dose
Organic pigments	8-12%
carbon black	10-40%
High specific surface area carbon black (carbon nanotubes)	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-8273 Add to grinding base material.

If necessary, add a multiplier and stir evenly.

Add pigment in the mixing process and then proceed with grinding operations

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.

Storage packaging:

25、200 kg/ bucket。

Keep away from sources of fire 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