



Wetting dispersant

Better BD-8051

Product description:

Better BD-8051 It is a low-molecular-weight polyester-based polymer dispersant with 100% active content and containing amide groups. In the solvent-based system containing benzene solvents, it shows excellent grinding and dispersion performance for carbon black, organic and inorganic pigments, which can improve the amount of pigments added in the grinding formula, while still having low viscosity, good fluidity and storage stability.

Product specification:

appearance	Brown viscous liquid
Gardner No	< 14
proportion	0.94g/cm ³ (7.88 lbs/US gal)
boiling point	约 200℃ (>392°F)
flash point	约 258-262℃/496.4 - 503.6°F

Scope of application:

- 1) Organic red and yellow pigments.
- 2) Medium and low surface carbon black, such as Mitsubishi MA-7.
Inorganic pigments.

Amount and usage:

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

pigment	%Dispersant activity
Organic pigment	15-20%
Inorganic pigment	10-14%
TiO ₂ /inorganic filler	1-2%
conductex	25-40%

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

Usage: Better BD-8051 is added to the grinding base material.

If necessary, add a multiplier and stir evenly.

Add pigment while stirring, and then grind.

Package specification and storage:

25、200KG/barrel

Keep away from fire 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