



Wetting dispersant

Better BD-8055

Product Description:

Better BD-8055 It is a low molecular weight polyester based polymer dispersant solution with 40% active content and containing acylammonium groups. In a solvent based system containing benzene solvents, it exhibits excellent grinding and dispersion properties for carbon black, organic, and inorganic pigments, which can increase the amount of pigment added to the grinding formula, while still having low viscosity, good fluidity, and storage stability.

Product specifications:

appearance	Brown viscous liquid
tone (Gardner No.)	< 10
proportion	0.94g/cm ³ (7.88 lbs/US gal)
boiling point	约 126°C (258°F)
Flash point	About 22 °C/71.6 °F (closed cup)

Scope of application:

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

Addition amount and usage:

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

pigment	% Activity amount of dispersant
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 through a series of experiments.

Usage:

Better BD-8055 Adding 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.

Packaging specification and storage:

25、200KG/barrel

Keep away from ignition sources and place in a cool and ventilated place; One year under normal storage conditions.

Heavy metal content:

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.

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

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