



## wetting dispersant Better BD-8159

### *Product Description:*

**Better BD-8159** It is a 40% active polymer deflocculating polyester block copolymer dispersant containing pigment affinity groups. Through steric hindrance, the pigment particles are deflocculated, resulting in high gloss and enhanced color strength of the paint film. It also increases the transparency of transparent pigments and the hiding power of opaque pigments.

### *Physical performance:*

composition	Polyester block copolymer solution containing pigment affinity groups
Activity content%	40%
appearance	Light brown liquid
solvent	BAC
proportion	0.98g/ml, 20°C
Acid value/amine value	10.0/8.0mg KOH/g
flash point	> 22°C/71.6°F

### *Features and advantages:*

**Better BD-8159** Suitable for stabilizing various pigments, especially high surface area carbon black and titanium dioxide, with good compatibility with most grinding resins, including resins with poor compatibility such as CAB and thermoplastic acrylic acid.

### *Application field:*

Suitable for solvent based coatings, coil coatings, automotive coatings, wood furniture coatings, etc.

### *Usage:*

1. To achieve optimal performance, wetting dispersants should be added to the grinding system; For resin free grinding, the solvent and additives should be pre mixed under stirring, and then pigments should be added; For resin containing grinding, the resin, solvent, and additives should be mixed evenly before adding pigments.

2. Addition amount (the amount depends on the diameter of the pigment, and the optimal amount must be determined through a series of experiments)

pigment	Dispersed dose
Organic pigments	20-60%
inorganic pigment	15-35%
titanium dioxide	2-6%

carbon black	40-120%
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***Packaging and Storage:***

25、200KG/barrel. If the product is not completely used up, the container must be immediately closed tightly; During low-temperature storage and transportation,

Layering and turbidity may occur, heat to 30-60 °C and mix thoroughly before use.

***Heavy metal content:***

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