



## wetting dispersant

### Better BWD-8155

#### *Product Description:*

**Better BWD-8155** It is a block copolymer solution containing pigment affinity groups with a 40% active content. BWD-8155 contains various pigment adsorption groups that can disperse and stabilize organic and inorganic pigments. It is used to produce general water-based industrial coatings and resin free water-based pigment concentrates, and is also suitable for water-based printing inks and architectural coatings.

The compatibility between BWD-8155 and water-based resin is excellent, providing excellent dispersibility to the system, effectively reducing its viscosity, exhibiting excellent color development and water resistance, preventing floating and blooming, and maintaining good storage stability.

#### *Product specifications:*

Appearance	Yellow viscous liquid
Effective substance content%	40
Active ingredient	block copolymer
Specific gravity (20 °C)	1.0 g/cm <sup>3</sup>

#### *Application scope:*

Waterborne pigment concentrate, architectural/industrial/anti-corrosion coatings, printing inks, wood coatings, etc.

**Recommended dosage:** (The dosage depends on the diameter of the pigment, and the optimal dosage must be determined through a series of experiments)

pigment	Dispersion dose
inorganic pigment	0.6-3%
Organic pigments	5-35%
titanium dioxide	0.5-5%
transparent iron oxide	15-40%

#### *Usage method:*

In order to obtain the best performance, additives need to be slowly added (under stirring) to the mixture of grinding resin/cosolvent or lotion resin. When used in resin free pigment concentrated slurry, it is necessary to mix the additives with water evenly before adding the pigment.

The pigment must be slowly added after the additives are fully dispersed.

#### *Packaging, transportation, and storage:*

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.



Packaging: 25KG, 200KG/barrel.

Transportation: It belongs to the storage of non hazardous materials and can be transported as general chemicals.

Storage: Store this product in a cool and dry environment; Anti freezing and sun exposure; Under normal circumstances, the shelf life 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