

Aqueous Wetting and Dispersing Agent Series



Aqueous wetting and dispersing agents can be utilized for various particles; such as ceramics, metal oxides, organic pigments, and carbon black. These dispersants have excellent initial dispersibility due to a low molecular weight.

We have a line-up of aqueous wetting and dispersing agents with various ionic groups, including non-ionic, anionic, and amphoteric. Our variety of products are possible to disperse various particles.

The effects of adding dispersants are expected to increase particle concentration, to decrease viscosity, to improve productivity and sedimentation stability. Since the dispersion system is aqueous, the impact on the environment can be greatly reduced.

Product Line-up (Ceramics · Metal Oxides)

Particle		TiN	Al ₂ O ₃	TiO ₂	ZrO ₂	Fe ₂ O ₃	ZnO	CeO ₂
Products								
AMISOL™ FDE	Non-ionic	●						
AMISOL™ CD-S		●						
AMISOL™ FD		●						
AMISOL™ CDC		●					●	
VISCOFINE™ E2C		●			●			
AMIZETT™ 1PC		●						
SOYPON™ C-30	Anionic		●			●	●	
SOYPON™ L-30					●	●		
SOYPON™ SLTA		●	●		●		●	
SOYPON™ M-30				●	●	●	●	
ALANON™ ACE			●		●	●	●	
ALANON™ ALE					●	●		
ALANON™ ALTA				●	●			
ALANON™ AME			●	●	●	●	●	
AMIZETT™ 52P		●			●			
SOFTAZOLINE™ CH-R	Amphoteric		●			●	●	●
SOFTAZOLINE™ CL-R			●	●	●	●	●	
SOFTAZOLINE™ LHL-SF-G			●				●	
SOFTAZOLINE™ LMEB-R		●					●	

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Product Line-up (Organic Pigments ・ Carbon Black)

Products \ Particle		Red Pigment	Blue Pigment	Yellow Pigment	Carbon Black	High-jet Carbon Black
AMIZETT™ 2C	Non-ionic	●	●	●		
AMIZETT™ 5L ⁽¹⁾		●	●	●		
ACETYLENOL™ E100			●	●	●	
ACETYLENOL™ E200		●	●		●	
SOFTAZOLINE™ CH-R	Amphoteric				●	●
SOFTAZOLINE™ CL-R		●			●	●
SOFTAZOLINE™ NS		●			●	●
Dispersant for high-jet black CB(D1) ⁽²⁾					●	●
Dispersant for high-jet black CB(D2) ⁽²⁾					●	●

- (1) This product is a development phase.
- (2) The series of dispersants for high-jet black CBs exhibit higher gloss and higher jet blackness on the coated surface than conventional dispersants. (This series is product in a development phase.)

Examples of Dispersant Effects

Al₂O₃ Aqueous Dispersion



Left-side cell

Unsuitable dispersant

Right-side cell

Suitable dispersant

Effect

Improving transparency

TiN Aqueous Dispersion



Left-side cell

Unsuitable dispersant

Right-side cell

Suitable dispersant

Effect

Improving sedimentation stability

Contact

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Access Sample Request Form (QR code)

