Additives for coatings and printing inks

DISPARLON®

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DISPARLON ® BAL-D326

(Biomass-derived wetting/dispersing and anti-settling agent)

DISPARLON® BAL-D326 is a biomass-derived wetting/dispersing and anti-settling agent and is highly effective for dispersing inorganic pigments such as titanium oxide. **DISPARLON® BAL-D326** adsorbs to pigments and improves dispersibility, and provides anti-settling and anti-floating properties. **DISPARLON® BAL-D326** reduces the viscosity of high pigment loading systems and improves color strength and DOI.

ADVANTAGES

- Environmentally friendly: high biobased content
- Improves pigment wetting and dispersing properties
- Stabilizes dispersed pigments: prevents reagglomeration and provides anti-settling, anti-flooding, and anti-floating properties
- Improves gloss, DOI, color strength and hiding power

APPLICATIONS

DISPARLON® BAL-D326 can be used for a wide range of inorganic pigments and fillers in non-aqueous systems such as solvent-borne coatings and printing inks.

INCORPORATION

Additive levels : 1 – 3 wt% for inorganic pigments.
The optimal additive level should be determined under an actual use condition.

Method : Addition at a grinding/dispersing stage is recommended.

TYPICAL PROPERTIES

(The following figures are typical properties, not to be used for specification.)

Appearance	Yellow to amber liquid
Active component	100 %
Biobased content	100 %
Density (20 deg.C)	0.93 g/cm^3
Acid value	87

STORAGE

- Precipitation or solidification may occur at low temperature.
  In this case, heat at approx. 50 deg.C for more than one day and stir well before use.

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