Kusumoto Chemicals, Ltd.

DISPARLON® BAL-D329

Biomass-Derived Wetting/Dispersing and Anti-Settling Agent

TECHNICAL DATA SHEET
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DISPARLON® BAL-D329 is a biomass-derived wetting/dispersing and anti-settling agent, highly effective in dispersing inorganic pigments such as titanium dioxide.
DISPARLON® BAL-D329 forms a weak network structure through interactions with pigments and fillers in the system, thereby improving dispersibility and providing anti-settling and anti-floating properties.

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°C)	0.93 g/cm^3
Acid value (mgKOH/g)	143

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.

APPLICATION

DISPARLON® BAL-D329 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

Addition levels

1–3 wt% for inorganic pigments.
The optimal additive level should be determined under actual use conditions.

Method

Addition at a grinding/dispersing stage is recommended.

STORAGE

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

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