Kusumoto Chemicals, Ltd.

DISPARLON® DA-765

Wetting/Dispersing Agent

TECHNICAL DATA SHEET
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DISPARLON® DA-765 is a pigment wetting and dispersing agent based on a modified polyester.
DISPARLON® DA-765 wets and deflocculates pigments, reduces viscosity, and improves color strength, gloss, hiding power, and distinctness of image (DOI).
DISPARLON® DA-765 is especially effective for carbon black, phthalocyanine blue and titanium dioxide.

TYPICAL PROPERTIES

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

Appearance	Yellow to amber liquid
Active matter	30 wt%
Acid value (mgKOH/g)	3
Amine value (mgKOH/g)	13
Solvent	2-Methoxy-1-methylethyl acetate / Naphtha(petroleum), hydrotreated heavy

ADVANTAGES

- Excellent pigment wetting and deflocculating.
- Reduces viscosity.
- Shortens grinding time.
- Improves color strength, gloss, hiding power, and DOI.

APPLICATION

DISPARLON® DA-765 can be used in various coating systems, such as industrial coatings and plastic coatings, as well as various gravure printing inks.

INCORPORATION

Addition levels

3–30 wt% for inorganic pigments
15–150 wt% for carbon black
60–150 wt% for organic pigments
The optimal additive level should be determined under actual use conditions.

Method

Addition during the grinding/dispersing stage is recommended.

STORAGE

Store at 15–35°C. Precipitation or solidification may occur at low temperatures. In such cases, heat at approximately 50 °C for over a day and stir thoroughly before use.

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