

Additives for coatings and printing inks
DISPARLON[®]

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DISPARLON[®] DA-765

(Wetting/Dispersing agent)

DISPARLON[®] DA-765 is a pigment wetting/dispersing agent composed of a modified polyester. DISPARLON[®] DA-765 wets and deflocculates pigments, reduces viscosity, and improves color strength, gloss, hiding power, and DOI. DISPARLON[®] DA-765 is especially effective for carbon black, phthalocyanine blue and titanium dioxide.

ADVANTAGES

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

APPLICATIONS

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

INCORPORATION

- Additive 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 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
Non-volatile matter	30 %
Acid value	3
Amine value	13
Solvent	2-Methoxy-1-methylethyl acetate/Naphtha(petroleum), hydrotreated heavy

STORAGE

- Store at 15 – 35°C. Precipitation or solidification may occur at low temperature. In this case, heat at ~50°C for more than one day and stir well before use.



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