

Additives for coatings and printing inks
DISPARLON®

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DISPARLON® AQ-360

(Pigment wetting/dispersing agent for water-borne systems)

DISPARLON® AQ-360 is a pigment wetting/dispersing agent composed of an anionic surfactant and amine, and is highly effective for dispersing organic/inorganic pigments such as carbon black and titanium oxide. DISPARLON® AQ-360 reduces the viscosity of high pigment loading systems and improves color strength and DOI. A well-dispersed pigment paste can be obtained easily by adding the DISPARLON® AQ-360 to pigments and water, pre-dispersing, and then dispersing in a sand mill.

ADVANTAGES

- Excellent pigment wetting and dispersing properties
- Effective for a wide range of pigments and fillers
- Improves gloss, DOI, color strength and hiding power

APPLICATIONS

DISPARLON® AQ-360 can be used in a wide range of water-borne coatings.

DISPARLON® AQ-360 can be used for various water-borne inks such as inkjet inks, gravure inks, and flexographic inks.

INCORPORATION

- Additive levels : 3 – 30 wt% for inorganic pigments and body pigments
40 – 130 wt% for organic pigments and carbon black
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	Clear to light yellow liquid
Non-volatile matter	30 %
Density (20 deg.C)	1.02 g/cm ³
Acid value	27
Amine value	27.5
Solvent	Water/Propylene glycol monomethyl ether



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