



DISPARLON® AQ-380

Pigment Wetting/Dispersing Agent for Water-borne Systems

TECHNICAL DATA SHEET

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DISPARLON® AQ-380 is a pigment wetting and dispersing agent composed of an acrylic polymer and an amine compound. It is highly effective for dispersing organic and inorganic pigments, including carbon black. DISPARLON® AQ-380 reduces the viscosity of high-pigment-loading systems and improves color strength and distinctness of image (DOI).

TYPICAL PROPERTIES

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

Appearance	Light yellow liquid
Active matter	30 wt%
Acid value (mgKOH/g)	15
Amine value (mgKOH/g)	11
Solvent	Propylene glycol monomethyl ether

ADVANTAGES

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

APPLICATION

DISPARLON® AQ-380 can be used in a wide range of water-borne coating systems.

INCORPORATION

Addition levels

3–30 wt% based on inorganic pigments and body pigments

40–130 wt% based on organic pigments and carbon black

Method

Addition during the grinding or dispersing stage is recommended.

STORAGE

Turbidity or precipitation may occur at low temperatures. In such cases, warm the product to 30–50°C for at least one day and stir thoroughly before use.



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