

DISPARLON® FCD-150

(Pigment wetting / dispersing agent for waterborne systems)

DISPARLON® FCD-150 is a pigment wetting / dispersing agent composed of an acidic acrylic polymer neutralized with base, and is highly effective for dispersing organic / inorganic pigments such as carbon black and titanium oxide. DISPARLON® FCD-150 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® FCD-150 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® FCD-150 can be used in a wide range of waterborne coatings.

DISPARLON® FCD-150 can be used for various waterborne inks such as inks for food packaging, inkjet inks, gravure inks, and flexographic inks.

INCORPORATION

- Additive levels : 5 – 50 wt% for inorganic pigments and body pigments
50 – 200 wt% for organic pigments and carbon black
The optimal levels, however, should be determined by your laboratory tests.
- Method : Addition at a grinding/dispersing stage is recommended.

TYPICAL PROPERTIES

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

Compositions	Acrylic polymer • KOH
Appearance	Clear to yellow liquid
Non-volatile matter	20 %
Solvent	Water
pH	9.7



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