Kusumoto Chemicals, Ltd.

DISPARLON® FCD-150

Pigment Wetting/Dispersing Agent for Water-borne Systems

TECHNICAL DATA SHEET
Issued on 9 October 2026

DISPARLON® FCD-150 is a pigment wetting and dispersing agent based on a base-neutralized acidic acrylic polymer neutralized, which is highly effective for dispersing organic and 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 distinctness of image (DOI). A well-dispersed pigment paste can be obtained easily by adding DISPARLON® FCD-150 to pigments and water, followed by pre-dispersing and subsequent sand milling.

TYPICAL PROPERTIES

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

Compositions	Acrylic polymer, KOH
Appearance	Clear to yellow liquid
Active matter	20 wt%
Solvent	Water
pH	9.7

ADVANTAGES

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

APPLICATION

DISPARLON® FCD-150 can be used in a wide range of water-borne coatings.
DISPARLON® FCD-150 can be used for various water-borne inks such as inks, including food packaging, inkjet inks, gravure inks, and flexographic inks.

INCORPORATION

Addition levels

5–50 wt% for inorganic pigments and body pigments
50–200 wt% for organic pigments and carbon black
The optimal additive levels should be determined under actual use conditions.

Method

Addition during the grinding/dispersing stage is recommended.

Kusumoto Chemicals, Ltd.
Kusumoto Bldg. 1-11-13 Uchikanda Chiyoda-ku Tokyo,
101-0047 Japan
TEL +81-3-3292-8685
https://www.kusumoto.co.jp/en/

The information provided herein is based on data believed to be reliable, but any recommendations or suggestions made are without guarantee or warranty, since the conditions of use are outside our control. All products are sold on the condition that purchasers shall make their own tests to determine the suitability of such products for their purpose and that all risks are assumed by the user. We disclaim any responsibility for damages resulting from careless or improper handling or use. Nothing herein is to be taken as permission, inducement, or recommendation to practice any patented invention without a license. Please refer to the SDS for safe handling before use.
© 2023-2026 All Rights Reserved By Kusumoto Chemicals, Ltd.