

Additives for coatings and printing inks
DISPARLON[®]

July 08, 2013

DISPARLON[®] AQ-7180

(Leveling/Anti-cratering agent for water-borne system)

DISPARLON AQ-7180 is designed as leveling & anti-cratering agent based on acrylic silicone polymer and easily dispersed into waterborne systems uniformly.

DISPARLON AQ-7180 improves wettability on substrates remarkably and shows excellent leveling property in film forming process. Unlike general silicone based products, they have excellent recoatability and storage stability. Besides from their nature characteristics, they can improve the flip-flop of metallic pigments, defoaming and anti-floating/flooding properties.

ADVANTAGES

- Improve leveling and prevent cissing.
- Have little effect on physical properties of the film such as recoatability.
- Excellent dispersibility allows post addition.

TYPICAL PROPERTIES

Appearance	Colorless to pale red liquid
Component	Acrylic silicone polymer
Active matter	30 %
Solvent	2-Ethyl hexanol
Density (g/cm³) *1	0.89
Refractive Index *1	1.44
Viscosity (mPa · s)*1	21

*1 At 20 degree C.

INCORPORATION

- Post-addition is recommended. Can be added at any stage.
- Standard additional level is 0.5 to 1.5 wt % on total formulation.



Kusumoto Chemicals, Ltd.

11-13, UCHIKANDA 1-CHOME, CHIYODA-KU, TOKYO JAPAN

(TEL) 81-3-3292-8685 (FAX) 81-3-3295-6079