

Additives for coatings and printing inks
DISPARLON[®]

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DISPARLON[®] AQ-001

(Rheology control agent for water-borne systems)

DISPARLON[®] AQ-001 is a rheology control agent for water-borne systems composed of an acrylic polymer. DISPARLON[®] AQ-001 imparts pseudo-plasticity to coatings without excessively increasing viscosity, and provides excellent anti-sagging and anti-settling effects especially to emulsion coatings. DISPARLON[®] AQ-001 is a liquid type and can be easily incorporated into coating systems.

ADVANTAGES

- Excellent anti-sagging and anti-settling properties
- Imparts high pseudo-plasticity without excessively increasing viscosity
- Liquid type – easy incorporation
- Co-solvent free

APPLICATIONS

DISPARLON[®] AQ-001 can be used in a wide range of water-borne coating systems, and is especially suitable for emulsion coatings and dispersion coatings.

INCORPORATION

- Additive levels : 0.5 – 5.0 wt% on total formulation.
Method : Can be added at each production stage.
Post-addition at a final production stage is recommended.
The pH value of this product is 5 – 6. Adjust pH of a coating solution, if needed.

TYPICAL PROPERTIES

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

Appearance	Clear to light amber liquid
Active matter	15 %
Density (20 deg.C)	1.04 g/cm ³
pH	5.5
Acid value	36.5
Solvent	Water

STORAGE

- Keep from freezing. Freezing causes degradation of quality and performance.



Kusumoto Chemicals, Ltd.

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

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

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