Additives for coatings and printing inks

DISPARLON®

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DISPARLON ® AQ-002

(Rheology control agent for water-borne systems)

DISPARLON® AQ-002 is a rheology control agent for water-borne systems composed of an acrylic polymer. **DISPARLON® AQ-002** imparts pseudo-plasticity to coatings without excessively increasing viscosity, and provides excellent anti-sagging and anti-settling effects especially to emulsion coatings. **DISPARLON® AQ-002** 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-002 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 amber liquid
Active matter	15 %
Density (20 deg.C)	1.05 g/cm^3
Acid value	58
Solvent	Water

STORAGE

- Keep from freezing. Freezing causes degradation of quality and performance.
- Turbidity or separation may occur when this product store over 25 deg.C. for long term. Stir well before use. Although turbidity and separation do not affect the quality, we recommend storing the product below 25 deg.C.

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