Kusumoto Chemicals, Ltd.

DISPARLON® AQ-002

Rheology Control Agent for Water-Borne Systems

TECHNICAL DATA SHEET
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DISPARLON® AQ-002 is an acrylic polymer-based rheology control agent designed for water-borne systems.
DISPARLON® AQ-002 imparts pseudo-plasticity to coatings, particularly emulsion coatings, without causing an excessive increase in viscosity, while providing excellent anti-sagging and anti-settling properties.
DISPARLON® AQ-002 is a liquid product that can be easily incorporated into coating systems.

TYPICAL PROPERTIES

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

Appearance	Clear to amber liquid
Active matter	15 wt%
Density (20 °C)	1.05 g/cm^3
Acid value (mgKOH/g)	58
Solvent	Water

ADVANTAGES

- Excellent anti-sagging and anti-settling properties.
- Imparts high pseudo-plasticity without excessive viscosity build-up.
- Liquid form allows for easy incorporation.
- Co-solvent free.

APPLICATION

DISPARLON® AQ-002 can be used in a wide range of water-borne coating systems and is particularly suited for emulsion and dispersion coatings.

INCORPORATION

Addition levels

0.5–5.0 wt% on total formulation.

Method

Can be added at any production stage.
Post-addition at the final production stage is recommended.
The pH value of this product ranges from 5 to 6. Adjust pH of a coating solution, if necessary.

STORAGE

Protect from freezing. Freezing may cause degradation in product quality and performance.

Turbidity or separation may occur if stored above 25°C for long periods. Stir thoroughly before use.

Although turbidity and separation do not affect product quality, it is recommend to store the product below 25 °C.

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