Kusumoto Chemicals, Ltd.

DISPARLON® AQ-001

Rheology Control Agent for Water-Borne Systems

TECHNICAL DATA SHEET
Issued on 6 November 2026

DISPARLON® AQ-001 is an acrylic polymer-based rheology control agent designed for water-borne systems.
DISPARLON® AQ-001 imparts pseudo-plasticity to coatings, particularly emulsion coatings, without causing an excessive increase in viscosity, while providing excellent anti-sagging and anti-settling effects.
DISPARLON® AQ-001 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 light amber liquid
Active matter	15 wt%
Density (20 °C)	1.04 g/cm^3
pH	5.5
Acid value (mgKOH/g)	36.5
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-001 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 the pH of a coating solution, if necessary.

STORAGE

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

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.
© 2008-2026 Reserved By Kusumoto Chemicals, Ltd.