

DISPARLON

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DISPARLON AQ-021

(Rheology control agent for waterborne systems)

DISPARLON AQ-021 is a rheology control agent composed of a hydrophobic-modified acrylic polymer for waterborne systems. DISPARLON AQ-021 interacts with paint components in a coating system, and imparts excellent thickening effect and thixotropy by having features of both an acrylic rheology control agent and an associative rheology control agent. DISPARLON AQ-021 can suppress excess viscosity increasing of an applied coating.

ADVANTAGES

- Excellent anti-sagging and anti-settling property
- Not affect surface condition
- Imparts high thixotropic property without excess viscosity increasing
- Liquid form – easy incorporation

APPLICATIONS

DISPARLON AQ-021 can be used in a wide range of waterborne coating systems, and is especially suitable for emulsion coatings and dispersion coatings.

INCORPORATION

Additive levels : 0.5 ~ 3.0 % by wt on total formulation.

Method : Can be added at each production stage. Post-addition at a final production stage with a dissolver is recommended.

Keep temperature from a room temperature up to 40°C during dispersing.

Adjust pH of a coating solution to over 7.5 by a basic compound.

TYPICAL PROPERTIES

Appearance	Colorless to light yellow liquid
Active matter	20 % by wt.
Solvent	Ethylene glycol monobutyl ether
Acid value	28

STORAGE

Turbidity or precipitation may occur at low temperature. In this case, heat at 20°C< and stir well before use.



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