



DISPARLON[®] AQH-800

Rheology control agent for water-borne systems

TECHNICAL DATA SHEET

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DISPARLON[®] AQH-800 is a rheology control agent for water-borne systems based on a polyamide and an amide wax. DISPARLON[®] AQH-800 imparts thixotropic properties to coatings without excessively increasing viscosity, and prevents settling and hard-caking. Compared to conventional products, coating solutions containing DISPARLON[®] AQH-800 exhibit superior thermostability during storage.

TYPICAL PROPERTIES

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

Appearance	Yellow paste
Active matter	10 wt%
Acid value (mgKOH/g)	7.5
Solvent	Water / Propylene glycol monomethyl ether

ADVANTAGES

- Excellent anti-settling properties.
- Imparts high thixotropic properties without excessively increasing viscosity.
- Easy incorporation.
- Thermal-stability improvement.

APPLICATION

DISPARLON[®] AQH-800 can be used in a wide range of water-borne coating systems, and is especially suitable for emulsion coatings and dispersion coatings.

INCORPORATION

Addition levels

2.0–8.0 wt% on total formulation.

Method

Can be added at each production stage. Post-addition at the final stage of production is recommended. Keep the temperature during the dispersing process between room temperature and 40 °C. If higher viscosity is required, use in combination with other thickeners.

STORAGE

Keep from freezing. Freezing causes severe degradation of quality and performance. Do not heat. Store below 40°C. Heating causes degradation of quality and performance.

CAUTION

During storage, slight separation of the solvent may occur in the container; however, this does not affect product performance. If separation is observed, gently homogenize the material— for example, stir with a spatula— before use. To prevent quality degradation, do not heat the product or apply high-shear forces (e.g. mixing with a dissolver).



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