



DISPARLON[®] AQH-810

Rheology control agent for water-borne systems

TECHNICAL DATA SHEET

Issued on 13 July 2026

DISPARLON[®] AQH-810 is a rheology control agent for water-borne systems based on polyamide and amide wax. DISPARLON[®] AQH-810 imparts thixotropic properties to coatings without excessively increasing viscosity, and prevents settling and hard-caking. Compared to conventional products, coating solutions containing DISPARLON[®] AQH-810 exhibit superior thermostability during storage.

TYPICAL PROPERTIES

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

Appearance	Yellow paste
Active matter	15 wt%
Acid value (mgKOH/g)	8.5
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-810 can be used in a wide range of water-borne coating systems.

INCORPORATION

Addition levels

1.0–5.0 wt% on total formulation.

Method

Can be added at each production stage.

Post-addition at the final stage of production with a dissolver 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.



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