

Additives for coatings and printing inks
DISPARLON®

November 2022

DISPARLON® AQH-800
(Rheology control agent for waterborne systems)

DISPARLON® AQH-800 is a rheology control agent composed of a hybrid compound of a polyamide and an amide wax. DISPARLON® AQH-800 forms a needle-like structure by itself in a coating system, and prevents settling and hard caking. Unlike general waterborne thickeners, DISPARLON® AQH-800 can provide high thixotropic property without excess viscosity increasing. The coating solution containing DISPARLON® AQH-800 has better thermo stability compared with general thickeners.

ADVANTAGES

- Excellent anti-settling property
- Imparts high thixotropic property without excess viscosity increasing
- Easy incorporation
- Excellent thermo stability

APPLICATIONS

DISPARLON® AQH-800 can be used in a wide range of waterborne coating systems.

INCORPORATION

- Additive levels : 2.0 ~ 8.0 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.

TYPICAL PROPERTIES

Appearance	Yellow paste
Active matter	10 %
Amine	N, N-dimethylethanolamine
Solvent	Water / Propylene glycol monomethyl ether
Acid value	7.5

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

Due to the nature of this product, the solvent might ooze out from the paste to its surface over time. This doesn't affect its original properties. Please stir the content gently to make it uniform before use. Hand stirring is recommended because strong stirring with dissolver and addition of heat will result in degradation of its properties.



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