

*Additives for coatings and printing inks*

# DISPARLON<sup>®</sup>

May 2012

## DISPARLON<sup>®</sup> AQ-610

(Rheology control agent for water-borne system)

DISPARLON AQ-610 is a polyamide based rheology control agent for water-borne systems. A 3-D network structure is formed by interaction of AQ-610 with the coating vehicle; as a result it prevents sagging and pigment settling. AQ-610 is different from traditional water-borne thickening agents since it has strong pseudoplasticity. AQ-610 can be easily added into systems with a dissolver.

### ADVANTAGES

- Prevents hard caking by minimizing pigment settling
- Excellent humidity resistance
- Orientation of metallic and pearlescent pigments
- Highly shear thinning

### TYPICAL PROPERTIES

Appearance	Yellowish brown to brown paste
Active component	Amine salt of polyamide wax
Non-volatile matter	15%
Solvent	Water/ Propylene glycol monobutyl ether
Acid value (as product)	14.0

### INCORPORATION

- Make a pregel with 20 parts AQ/80 parts water and mix slowly for 20 minutes.
- Dispersing temperature is recommended between room temperature and 40°C.
- Dosage: 1.0 - 3.0 weight % as product on total formulation.
- Should be stored below 40°C.

Distributed by:  
King Industries, Inc.



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