



# DISPARLON® AQ-580

Rheology control agent for water-borne systems

TECHNICAL DATA SHEET

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DISPARLON® AQ-580 is a rheology control agent based on a polyamide.

DISPARLON® AQ-580 forms a network structure through interaction with coating components, preventing settling and hard caking while improving the orientation of metallic pigments.

Unlike conventional water-borne thickeners, DISPARLON® AQ-580 imparts thixotropic properties without excessively increasing viscosity.

## TYPICAL PROPERTIES

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

|                      |                                           |
|----------------------|-------------------------------------------|
| Appearance           | Yellow paste                              |
| Active matter        | 20 wt%                                    |
| Amine                | N, N-dimethylethanolamine                 |
| Solvent              | Water / Propylene glycol monomethyl ether |
| Acid value (mgKOH/g) | 9.2                                       |

## ADVANTAGES

- Excellent anti-settling properties
- Imparts thixotropic properties without excessively increasing viscosity
- Easy incorporation

## APPLICATION

DISPARLON® AQ-580 can be used in a wide range of water-borne coating systems and is especially suitable for water-soluble coatings.

## INCORPORATION

### Addition levels

0.5-3.0 wt% on total formulation.

### Method

It can be added at any stage of production; however, post-addition using a dissolver at the final production stage is recommended.

Keep the temperature during the dispersing process between room temperature and 40 °C.

## STORAGE

Keep from freezing. Freezing causes degradation of quality and performance.

Do not heat. Store below 40 °C. Heating causes degradation of quality and performance.



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