



DISPARLON® AQ-330

Pigment wetting/dispersing agent

TECHNICAL DATA SHEET

Issued on 18 September 2026

DISPARLON® AQ-330 is a solvent-free wetting and dispersing agent based on a polymer containing phosphoric acid groups, designed for the pre-dispersion of metallic pigments (e.g. aluminum paste and pearlescent pigments) in water-borne coating systems.

TYPICAL PROPERTIES

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

Appearance	Light yellow to amber, viscous liquid
Active matter	100 wt%
Acid value (mgKOH/g)	12

ADVANTAGES

- Reduces the amount of co-solvent required during the preparation of metallic pigment pre-dispersion.
- Particularly effective in reducing the viscosity of metallic pigment dispersions.
- Improves the orientation of metallic pigments.
- Excellent water resistance.

APPLICATION

DISPARLON® AQ-330 is recommended for water-borne coating systems.

INCORPORATION

Addition levels

1–30 wt% on total pigments (Inorganic pigments and fillers)

30–100 wt% on total pigment (organic pigments and carbon black)

Method

Recommended process: Carefully premix DISPARLON® AQ-330 with water or a co-solvent (e.g., 2-butoxyethanol or propylene glycol) before adding pigments.

STORAGE

Store at room temperature.

Haze or separation might be observed. In such case, warm up to 40-50 °C and mix before use.



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