

March 2020

DISPARLON AQ-330 (Pigment wetting/ dispersing agent)

DISPARLON AQ-330 is a solvent free wetting and dispersing agent based on polymer with phosphoric acid group ester, designed for metallic pigments (i.e. aluminum paste, pearlescent pigments etc.) pre-dispersion in water-borne coating systems.

ADVANTAGES

- Reduced co-solvent in the process of metallic pigment pre-dispersion
- Reduced viscosity of metallic pigment dispersion in particular
- Improve orientation of metallic pigments
- Excellent water resistance

APPLICATIONS

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

INCORPORATION/ ADDITIVE LEVEL

Recommendable process; Disperse carefully **DISPARLON AQ-330** with water or co-solvent (i.e. 2-Butoxyethanol, propylene glycol) before adding pigments.

Recommended levels : 1 - 30% by wt. on total pigments (Inorganic pigments and fillers)
30-100% by wt. of total pigment (Organic pigments and carbon black)

TYPICAL PROPERTIES

Appearance : Light yellow to amber, viscous liquid
Non-volatile matter : 100%
Acid value : 12mg KOH/g

STORAGE

Storage at room temperature.

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



Kusumoto Chemicals, Ltd.

11-13, UCHIKANDA 1-CHOME, CHIYODA-KU, TOKYO JAPAN
(TEL) 81-3-3292-8685 (FAX) 81-3-3295-6079