

AFCONA - 5282



Chemical Composition

PFatty Acid modified polyester polymer

Product general description

Dispersant for water based colorants formulation as well as water & solvent based universal colorants formulation

Product Properties:

AFCONA – 5282 can be used to formulate water based as well as water & solvent based pigment concentrate. AFCONA – 5282 is a high solid dispersant where it can fulfill the most VOC requirement in coatings market.

The advantages of AFCONA – 5282 as below:

- 1) Excellent product to formulate water based as well as water & solvent based pigment concentrate. Can also be added in the based paint to improve colour acceptance performance.
- 2) High solid to fulfill most of the VOC requirement in coating market.
- 3) Effective as good dispersing agent for all inorganic and organic pigments

Note: AFCONA – 5282 will become crystallized at temperature 5°C or below. Heat up to 50°C and well-mixed before use. This will not influence the quality.

Product Specification

Non-volatile matter	≥96% (150°C,0.5h)
Density	1.00-1.04 mg/cm ³ (20°C)
Amine value	6 - 12 mg KOH/g
Acid Value	10 - 16 mg KOH/g
Flash point	>100°C
Gardner color	Max.18
Appearance	Cloudy, brownish viscous liquid(25°C)

Addition and dosage

Calculation method for the required amount of active ingredient on pigment:

TiO ₂	: 2 - 3%
Other inorganic pigments	: 2 - 4%
Organic pigments	: 20 - 40%
Carbon blacks	: 20 - 60%

Incorporation

AFCONA-5282 should be added prior to the pigment dispersion process.

Storage

AFCONA-5282 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 3 years from the date of manufacture. The expiry date is indicated on the container.

Packaging

25 kg and 200 kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.