

AFCONA - 6506



Chemical Composition

Fatty acid modified polyester.

Product general description

Wetting and dispersing agent for water-born systems. It can be used to disperse water-born concentrate and improve the color strength and development, as well as the acceptance of pigment colorant.

Product Properties:

AFCONA-6506 is an improved version of AFCONA – 6226. It gives better dispersing performance as well as better color development and acceptance in decorative paints and general water-based industrial paints.

AFCONA – 6506 has below special properties and recommended in below systems:

- 1) AFCONA – 6506 is suit for water-born universal colorants, and it will give better color strength and pigment pastes acceptance when used in printing inks and water-born industrial paints.
- 2) AFCONA-6506 is recommended to water-based decorative paints and industrial paints. It can improve the grinding efficiency, and gives better viscosity decreasing. As well as better color development.
- 3) AFCONA – 6506 is an economic and efficient dispersant for water-based coatings. It also has very good affinity for carbon blacks and organic pigments, and it won't take VOC problem, because of its solvent-free design.

Note: AFCONA – 6506 will become hazy or crystallized, after long period storage or below 10°C. Make sure well-mixed before use. This will not influence the quality.

Product Specification

Non-volatile matter	39 – 43% (150°C,0.5h)
Solvent	Demi. water
Density	1.00 – 1.04 g/cm ³ (20°C)
Amine Value	16 – 26 mg KOH/g
Acid Value	12 - 22 mg KOH/g
Appearance	Clear to hazy, dark brown liquid(25°C)

Addition and dosage

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

Universal colorants:

5 - 10%	for inorganic pigments
15 - 30%	for organic pigments

Base-paints
Paints

0.5 - 1.5% on total based

Bentonites
/thickeners

15 - 25% on active
substance

Incorporation

AFCONA – 6506 can be incorporated in the millbase or used as post additive for color acceptance..

Storage

AFCONA-6506 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

30kg and 200kg non-returnable plastic containers

AFCONA ADDITIVES
Web Site : www.afcona.com

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This version replaces all previous ones.