

AFCONA – 6507



Chemical Composition

Fatty acid modified polyester polymer solution

Product general description

High molecular weight wetting and dispersing agent for aqueous systems to grind water based colorants and high solid of inorganic filler pastes.

Product Properties

AFCONA-6507 is improved version of AFCONA-6226, and recommended for general industrial water-based coatings. It is an excellent wetting and dispersing agent for preparation of high capacity of inorganic filler pastes.

The advantages and recommended applications as below:

- 1) AFCONA-6507 is used to prepare aqueous universal colorants. It also can improve the color development and strength when applied in ink systems or aqueous industrial coatings after process.
- 2) AFCONA-6507 is recommended to be applied in aqueous architecture coatings and industrial coatings. It can improve the efficiency of grinding and lower the viscosity.
- 3) AFCONA-6507 is an economic and efficient dispersant for aqueous coating systems. It has good affinity with carbon blacks and inorganic pigments. And it is solvent-free, no VOC problems.

Product Specification

Non-volatile matter	30-33% (120°C,0.5h)
Solvent	Demi. water
Density	0.985-1.025g/cm ³ (20°C)
Gardner color	Max.8
Appearance	Clear to slightly hazy, Brownish liquid (25°C)

Addition and dosage

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

Universal colorants:	
Inorganic pigments	:5 - 10%
Organic pigments	:20 - 40%

Primer/under coat:	
Based on total formulation	: 1 - 3%

Base on the active content of bentonite or thickner active weight:	: 10 - 20%
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Incorporation

AFCONA-6507 can be incorporated in the mill-base or used as post additive for color acceptance.

Storage

AFCONA - 6507 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

25kg and 200kg non-returnable containers.