

# AFCONA - 5058



## Chemical Composition

Modified phosphate ester polymer

## Product general description

Ionic wetting and dispersing agent, which is suitable for dispersion of inorganic pigments in solvent-based coating systems, mainly used for TiO<sub>2</sub>, matting powder, fillers and etc.

## Product properties

AFCONA-5058 can help wetting and dispersing inorganic pigments, such as TiO<sub>2</sub>, iron oxide red, fillers, matting powder, and etc.

AFCONA-5058 is recommended for dispersion of matting powder and inorganic pigments. It can prevent sediment while reduce the viscosity of systems. It has good viscosity reducing property in high capacity systems of fillers, make more loading of fillers available in the system.

AFCONA-5058 may accelerate the reaction when applying in amine baking systems, and increase the viscosity of coatings.

Note: AFCONA -5058 may be hazy and crystallized below 2°C. Heat up and well-mixed, this will not influence its performance.

## Product Specification

Non-volatile matter 64-68%(120°C,0.5h)

Density 0.945 - 0.985 g/cm<sup>3</sup> (20°C)

Acid Value 250 - 300 mgKOH/g

Flash point 77°C

Gardner color Max.6

Appearance Transparent,yellowish liquid (25°C)

## Addition and dosage

Calculation method for the required amount of AFCONA - 5058 on pigment:

Matting powder : 10 - 20%

TiO<sub>2</sub> : 1 - 10%

Other inorganic pigments: 3 - 10%

## Incorporation

AFCONA-5058 should be incorporated in the mill base before adding the pigments.

## Storage

AFCONA-5058 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. The expiry date is indicated on the container.

## Packaging

25kg and 190kg non-returnable containers

**For product safety information: please take reference of SDS.**

AFCONA ADDITIVES

Web Site : [www.afcona.com](http://www.afcona.com)

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