

# AFCONA - S506



## Chemical Composition

Solution of high-molecular weight unsaturated carboxylic acid polymer.

## Product general description

Wetting and dispersing additive to prevent flooding and sedimentation of pigments.

## Product Properties:

AFCONA-S506 recommended to solve flooding and floating problems of coating systems. It also acts as co-grinding dispersing agent when combined with a suitable high molecular weight dispersant.

## Product Specification

Non-volatile matter	19 - 21%(150°C*0.5h)
Solvent	Alkybenzene/cyclohexanone
Density	0.91 – 0.94 g/cm <sup>3</sup> (20°C)
Acid value	70 - 100 mgKOH/g
Flash point	44°C
Appearance	Transparent to slightly hazy, yellow to brownish liquid(25°C)

## Addition and dosage

1.0 - 3.0% based on inorganic pigments or  
0.1 - 1.0% based on total formulation, normally is at 0.5% on total formulation.

## Incorporation

AFCONA-S506 should be added prior to the dispersion process. And make sure well-mixed with resins. If added after process, good shear force is required.

## Storage

AFCONA-S506 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 180 kg non-returnable containers

AFCONA ADDITIVES

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

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This version replaces all previous ones.