

# AFCONA - 1503



## Chemical Composition

Modified Fatty Acid Polymer, free of solvents and amines.

## Product general description

Universal dispersing resin for preparation of VOC free universal pigment concentrates for water based.

## Product properties

AFCONA-1503 is a dispersing resin with self-emulsifying properties. AFCONA-1503 in combination with AFCONA-4560, has been developed to be considered suitable for the production of VOC-free pigment concentrates. The excellent compatibility of this combination with both water- and solvent-based decorative paint systems, means these concentrates are suitable for the production of tinting systems where only low shear force (shaking machines) is used. The chemical character of AFCONA-1503, makes it suitable in systems with a wide pH-range (5-12).

Remark :

Due to higher binder content than resin free concept, it allows less pigment loading.

## Product Specification

Non-volatile matter	73 - 77% (120°C,0.5h)
Solvent	Water
Density	1.06 – 1.09 g/cm <sup>3</sup> (20°C)
Gardner color	Max.6
Flash point	>100°C

## Addition and dosage

For Pigment concentrate:

Inorganic pigments : 4 - 5 times of solid dispersant

Organic pigment : 3 – 5 times of solid dispersant.

## Incorporation

AFCONA- 1503 is recommended to be incorporated before milling.

## Storage

AFCONA-1503 should be stored in a cool and dry place. When kept in an original unopened container, it will keep up for 3 years from the date of manufacture. The expiry date is indicated on the container.

## Packaging

30kg and 210kg non-returnable containers

AFCONA ADDITIVES

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

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This version replaces all previous ones.