

# AFCONA - 1501



## Chemical Composition

Modified Fatty Acid Polymer

## Product general description

Universal dispersing resin for preparation of universal pigment concentrates for water based

## Product Properties

AFCONA-1501 is an universal dispersing resin tailor-made for the production of aqueous-based universal pigment concentrates.

AFCONA-1501 shows a good pigment wetting and stabilizing performance and excellent compatibility with the resins most commonly used in water-based coatings.

Due to the primary hydroxyl groups AFCONA 1501 is able to crosslink with stoving paints as well as polyurethane systems.

Complete water-solubility will be obtained by addition of e.g. 8% AMP 95.

AFCONA – 1501 is recommended to combine with other high mol weight dispersant like; AFCONA – 4560, AFCONA – 4570 or AFCONA – 6225 for preparation of water based pigment concentrates. Pigment concentrates containing AFCONA – 1501 have below special properties:

- 1)Very easy incorporation even at low speed
- 2)Help to provide better pigment stability
- 3)Help to prevent drying of pigment paste on the surface and on the wall of the container.
- 4)Contain primary OH group which can involve in cross-linking in systems like PU and baking paint.

Remark :

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

## Product specification

Active ingredients	≥96%
Density at 20 °C	1.04 - 1.06 g/cm <sup>3</sup>
Acid Value	34 – 45 mgKOH/g
Flashpoint	>100 °C
Colour	max. 5

## Addition and dosage

### For Pigment concentrate:

Inorganic pigments	: 4 - 5 times of solid dispersant
Organic pigment	: 3 – 5 times of solid dispersant

## Incorporation

AFCONA – 1501 is recommended to add in before milling.

## Storage

AFCONA – 1501 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

25 kg and 210 kg non-returnable containers