

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

Non-volatile matter	≥ 96% (150°C,0.5h)
Density	1.04 – 1.06 g/cm ³ (20°C)
Acid Value	34 - 45 mg KOH/g
Flash point	>100 °C
Color	Max.5
Appearance	Transparent, yellowish liquid (25°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 – 6226 can be incorporated in the 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

30kg and 210 kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.