

# AFCONA – 5080



## Chemical Composition

Fatty acid Modified polymer with pigment affinity groups

## Product general description

Wetting and dispersing additive for solvent-based paints

## Product Properties

AFCONA - 5080 is fatty acid modified wetting and dispersing agent that good performance in pigment stabilizing. The performance of AFCONA – 5080 is close to high molecular weight dispersing agents.

AFCONA – 5080 has below special properties and recommended in below systems:

- 1) Very good performance in alkyd based systems like NC, stoving paint and air-drying alkyd.
- 2) Suitable for oil and solvent-based printing inks. It has very good alcohol solubility.
- 3) A good co-grinding agent for all solvent-based system.

Note: AFCONA – 5080 will become slightly hazy at temperatures below 5° C. This will not influence the quality.

## Product specification

Active ingredients	51 – 53%
Solvent	Butyl Acetate
Density at 20 °C	0.96 – 0.98 g/cm <sup>3</sup>
Acid value	12 – 20 mg KOH/g
Amine value	10 – 18 mg KOH/g
Colour	max. 18
Appearance	dark brown liquid

## Addition and dosage

0.5 - 1.5% based on TiO<sub>2</sub> or extenders

3.0 - 5.0% based on other inorganic pigments

10 – 30% based on organic pigment.

## Incorporation

AFCONA - 5080 should be added prior to the pigment dispersion process.

## Storage

AFCONA - 5080 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 190 kg non-returnable containers