

AFCONA-4597



Chemical Composition

Special designed block copolymer with multifunctional anchoring groups

Product general description

General dispersing agent for water-based applications with an extreme good water resistance

Product Properties

High molecular weight polymeric dispersant for deflocculation of pigments in water-based decorative as well as industrial paints. Also very suitable for water-based resin-free pigment concentrates. It prevents negative flocculation effects like: flooding and floating and improve the storage stability.

Recommended for all kind of pigments including transparent iron oxides

Stabilize pigments through effective steric hindrance and electrical repulsion

This result in pigment concentrates in:

- Lower viscosities
- Stable dispersions
- Higher color strengths
- Good storage stability

In the final coating in:

- No flooding and floating
- High color strength
- High gloss
- Good storage stability
- Strong water resistance

Note: for optimum dispersing effect do not use resin in the grinding phase

Product specification

Active ingredients	38 - 42%
Density at 20 °C	1.02 – 1,06 g/cm ³
Acid value	6-13 mg KOH/g
Amine value	10-16 mg KOH/g
Colour	max. 10
Appearance	yellowish/Brownish viscose liquid

Addition and dosage

Calculation method for the required amount of active ingredient on pigment:

TiO ₂	: 2 - 3%
Other inorganic pigments	: 2 - 4%
Organic pigments	: 20 - 40%
Carbon blacks	: 20 - 60%

Incorporation

Should be added prior to the pigment dispersion process

Storage

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 expire date is indicated on the container

Packaging

25 kg and 190 kg non-returnable containers