

AFCONA – LE 1000



Chemical Composition

Fatty acid modified polyester

Product general description

Solvent-free wetting and dispersing additive for universal colourants.

Product Properties

AFCONA – LE 1000 is an effective dispersing agent for preparation of solvent and water based pigment concentrate.

This is a high molecular weight dispersing agent where it stabilized pigments through steric hindrance, thus it is suitable for all type of pigments.

AFCONA – LE 1000 is complete water-soluble and does not necessary has to be neutralized. However, neutralization to pH 9 will strongly improve the viscosity reduction performance.

Note: AFCONA – LE 1000 will become hazy. Heat up to 50°C and mix well before use. This will not influence the quality.

Product specification

Active ingredients	≥98%
Density at 20 °C	0,97 – 1.07 g/cm ³
Acid value	21 - 31 mg KOH/g
Amine value	17 – 27 mg KOH/g
Colour	max.12
Appearance	brownish 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

AFCONA - LE 1000 should be added prior to the pigment dispersion process.

Storage

AFCONA - LE 1000 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 expiry date is indicated on the container.

Packaging

25 kg and 190 kg non-returnable containers