

AFCONA LE 1020



Chemical Composition

Special designed block copolymer

Product general description

High molecular weight polymeric dispersant for deflocculation of pigments in water-based decorative as well as industrial paints

Product Properties

AFCONA-LE 1020 is a wetting and dispersing additive for water-based coatings and pigment concentrates. It prevents negative flocculation effects like; flooding and floating and improve the storage stability.

AFCONA-LE 1020 is recommended for all kind of pigments. Also, very suitable for transparent iron oxides.

It stabilizes the pigments through effective steric hindrance and electric repulsion.

This all result in the concentrates in:

- lower viscosities and
- very stable dispersions with good storage stabilities
- high color strengths

In the final coating in:

- no flooding and floating
- high color strength
- high gloss
- good storage stability
- Improved water and stain resistance

AFCONA-LE 1020 is complete water-soluble and does not necessarily has to be neutralize.

Product specification

Active ingredients	38 – 42%
Solvent	Water
PH	8 - 9
Appearance	Clear Slightly yellow liquid

Addition and dosage

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

TiO ₂	: 4 - 5%
Other inorganic pigments	: 8 - 12%
Organic pigments	: 12 - 30%
Carbon blacks	: 50 - 60%
Transparent Iron Oxides	: 10 - 15%

Incorporation

AFCONA-LE 1020 should be incorporated in the mill base before adding the pigments

Storage

AFCONA-LE 1020 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.

Note: Below 0 ° C separation or turbidity could occur. Warm up to 20 ° C and mix well

Packaging

25 kg and 180 kg non-returnable containers