

AFCONA – 5285



Chemical Composition

Anionic co-polymer with acidic groups

Product general description

Wetting and dispersing additive for solvent-based paints

Product Properties

AFCONA-5285 is an acidic termination of alkyl ethoxylated co-polymer. The acidic group gives very good anchoring effect in base pigments like inorganic as well as matting agents. It will help in viscosity reduction of filler and extender dispersions.

AFCONA – 5285 has below special properties and recommended in below systems:

- 1) Very good dispersant for matting agent pastes. Gives better transparency compared to AFCONA – 4010
- 2) Very good in viscosity reduction. Therefore, suitable as dispersant for high filler loaded systems
- 3) Also suitable for oil and solvent- based printing inks especially for inorganic pigment and filler dispersions in alcohol rich systems

Note: AFCONA – 5285 will become hazy or even crystallize at temperatures below 15° C. Re-heat the material before use if crystallization happens. This will not influence the quality of AFCONA - 5285.

Product specification

Active ingredients	≥ 95%
Density at 20 °C	1.02 – 1.07 g/cm ³
Acid value	100 – 105 mg KOH/g
Colour	max. 8
Appearance	transparent yellowish to brown liquid

Addition and dosage

0.5 - 1.5% based on TiO₂ or extenders

3.0 - 5.0% based on other inorganic pigments

10 – 30% based on organic pigment.

Incorporation

AFCONA - 5285 should be added prior to the pigment dispersion process.

Storage

AFCONA - 5285 should be stored in a cool dry place, preferable at room temperature ≥ 20°C. Haziness and solidification can take place if the temperature dropped below 15°C. 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 180 kg non-returnable containers