AFCONA - 6230



Chemical Composition

Aliphatic polyether with acidic groups

Product general description

Anionic wetting and dispersing agent for inorganic pigments and fillers

Product Properties

AFCONA-6230 is a wetting and dispersing agent for inorganic pigments and fillers in solvent-based, solvent-free and water-based systems. It also helps to improve the color acceptance.

AFCONA – 6230 has below special properties and recommended in below systems:

- Increases pigment loadings in the mill bases or in pigment concentrates. This enables to achieve VOC levels below 250 g/l in high filled solvent-based systems.
- 2) AFCONA 6230 can be used in all solvent-based and solvent-free industrial and decorative coatings. It is especially suitable for wetting, dispersing and stabilizing inorganic pigments and fillers in solvent-free epoxies and polyurethanes, like flooring or pipe-line coatings.
- AFCONA 6230 also can be used to decrease the viscosity of water based resinfree pigment concentrates, based on high molecular weight dispersing agent AFCONA – 4560.
- 4) AFCONA 6230 performs in dispersing and stabilizing inorganic pigments and fillers in water-based decorative paints based on acrylic emulsions, giving better rheology and improved gloss.
- 5) Due to the polyether structure, it also can be used as colour acceptance additive.

Note: AFCONA – 6230 will become hazy or even crystallize at temperatures below 15° C. and below. Re-heat the material before use if crystallization happens. This will not influence the quality of AFCONA - 6230.

Product specification

Active ingredients $\geq 95\%$

Density at 20 °C 1.02 - 1.07 g/cm³

Acid value 100 - 105 mg KOH/g

Colour max.8

Appearance transparent yellowish to

brownish liquid

Addition and dosage

1-3% based on fillers and inorganic pigments

5 - 7% based on organic pigments

Incorporation

AFCONA-6230 when used in mill base should be added before grinding. If it is used in post addition in pigment concentrates, a good dispersion is required.

Storage

AFCONA-6230 should be stored in a cool dry place, preferable at room temperature $\geq 20^{\circ}$ 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