AFCONA – 6225



Chemical Composition

Fatty acid modified polyester

Product general description

Dispersant and emulsifier for universal colourants and perform as colour acceptance additive

Product Properties

AFCONA-6225 is an improved version of AFCONA – 6220. It gives better dispersing performance as well as better colour acceptance in decorative paints.

AFCONA – 6225 has below special properties and recommended in below system:

- AFCONA-6225 works as emulsifier where it can emulsify water into solvent-based coatings. Especially in long oil alkyds to improve the color acceptance for universal commercial colourants.
- 2) AFCONA-6225 in combination with AFCONA-4560 is recommended to formulate universal colourants for decorative paints as well as for industrial water-based paints. For more details, please refer to the section guide formulations.
- 3) In overall, AFCONA 6225 is an economic and effective dispersant for water-based systems.
- 4) AFCONA-6225 is an activator for Bentonites as well as for associated and acrylic thickeners.

Note: AFCONA – 6225 will become slightly hazy at temperatures below 5° C. This will not influence the quality.

Product specification

Active ingredients $\geq 96\%$

Density at 20 °C 0.95 - 1.05 g/cm³

Amine value 30 - 42 mg KOH/g

Acid value 44 - 48 mg KOH/g

Colour max.18

Appearance dark brown liquid

Addition and dosage

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

Universal colourants:

5 - 10% for inorganic pigments 10 - 20% for organic pigments

Base-paints 0.5 - 1.5% on total based

paints

Bentonites 15 - 25% on active

/thickeners substance

Incorporation

AFCONA-6225 can be incorporated in the mill-base or used as post additive for colour acceptance.

Storage

AFCONA-6225 should be stored in a cool dry place. 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 200 kg non-returnable containers