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:
1) 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

Non-volatile matter	$\geq$ 96% (120°C,0.5h)
Density	0.95 – 1.05 g/cm^3 (20°C)
Amine Value	30 – 42 mg KOH/g
Acid Value	44 - 48 mg KOH/g
Gardner color	Max.18
Appearance	Dark brown liquid (25°C)

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 Paints	0.5 - 1.5% on total based

Bentonites /thickeners	15 - 25% on active substance

Incorporation
AFCONA – 6225 can be incorporated in the millbase 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
30kg and 200 kg non-returnable containers