

AFCONA – 6220



Chemical Composition

Fatty acid modified polyester

Product general description

Fatty acid modified emulsifier for universal colourants and improved colour acceptance

Product Properties

AFCONA-6220 is able to stabilize inorganic and organic pigments in water and solvents. In addition, it makes the polar ingredients of universal colourants used in non-polar solvent-based paints more compatible.

AFCONA – 6220 has below special properties and recommended in below systems:

- 1) Act as an economic dispersant for the preparation of universal pigment concentrates for water and solvent- based decorative coatings. For more effectiveness a combination with AFCONA – 4560 will give better results
- 2) Improves the colour acceptance of commercial colourants in air-drying alkyds
- 3) AFCONA-6220 is an activator for Bentonites as well as for associated and acrylic thickeners
- 4) In overall performances, AFCONA – 6225 is better than AFCONA – 6220 in almost all aspects

Note: AFCONA – 6220 will become slightly hazy at temperatures below 5° C. This will not influence the quality.

Product specification

| | |
|--------------------|-------------------------------|
| Active ingredients | ≥ 96% |
| Density at 20 °C | 0.95 - 1.05 g/cm ³ |
| Amine value | 15 - 35 mg KOH/g |
| Acid value | 10 – 30 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 /thickeners 15 - 25% on active substance

Incorporation

AFCONA-6220 can be incorporated in the mill-base or used as post additive

Storage

AFCONA-6220 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