AFCONA – 5207

Chemical Composition
Hydroxyl functional unsaturated modified carboxylic acid with pigment affinity groups

Product general description
Wetting and dispersing additive for solvent -based architectural and decorative paints, also a very suitable dispersant for printing ink.

Product Properties
AFCONA-5207 is in overall a good conventional wetting and dispersing additive. It is a very economical dispersant with good performance in pigment stabilizing. However, AFCONA – 5280 will perform better in all aspects and is more close to our high molecular weight dispersants than AFCONA – 5207.

AFCONA – 5207 has below special properties and recommended in below systems:
1) AFCONA-5207 is a very good wetting and dispersing agent for air drying alkyds. It can stabilize most of the pigments that commonly used in these systems.
2) AFCONA – 5207 also proved to be a good dispersing agent for printing ink systems, oil based as well as solvent-based.
3) AFCONA – 5207 also can be used in thermoplastic acrylics, NC combinations, acid curing systems and baking paints.
4) If higher performances are needed, AFCONA – 5280 is recommended. This gives better results in all aspects compared to AFCONA – 5207.

Note: AFCONA – 5207 will become slightly hazy at temperatures below 5° C. This will not influence the quality.

Product specification
Active ingredients	≥96%
Density at 20 °C	0.94 - 0.96 g/cm^3
Amine value	35 – 70 mg KOH/g
Colour	max. 13
Appearance	transparent yellowish to brownish liquid

Addition and dosage
0.5 - 1.5% based on TiO_2 or extenders
3.0 - 5.0% based on other inorganic pigments
10 - 20% based on organic pigments

Incorporation
AFCONA-5207 should be added prior to the pigment dispersion process.

Storage
AFCONA-5207 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 190 kg non-returnable containers

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