

AFCONA - 5280



Chemical Composition

Cationic/anionic co-polymer with pigment affinity groups.

Product general description

Wetting and dispersing additive for solvent-based paints.

Product Properties:

AFCONA - 5280 is in overall the best conventional wetting and dispersing additive. It is economical and still gives very good performance in pigment stabilizing. The performance of AFCONA – 5280 is close to high molecular weight dispersing agents.

AFCONA – 5280 has below special properties and recommended in below systems:

- 1) Very good performance in alkyd based systems like NC, stoving paint and air-drying alkyd.
- 2) Suitable for oil and solvent-based printing inks. It has very good alcohol solubility.
- 3) A good co-grinding agent for all solvent-based system.
- 4) Combined with the universal resin AFCONA – 1102 recommended for the preparation of universal pigment concentrates. These pigment concentrates have below advantages:
 - Easy incorporation (even by hand stirring) in NC, thermoplastic acrylic, CAB and polyurethane
 - Economical, because AFCONA – 5280 is supplied in nearly 100% active ingredient version
 - Good pigment stability for most pigments, even with PV23

Product Specification

Non-volatile matter	≥96%(150°C,0.5h)
Density	0.95 – 1.05g/cm ³ (20°C)
Amine Value	20 - 35 mgKOH/g
Acid Value	25 - 40 mgKOH/g
Flash point	>100°C
Appearance	Dark brown viscous liquid(25°C)

Addition and dosage

0.5 - 1.5% based on TiO₂ or extenders
 3.0 - 5.0% based on other inorganic pigments
 10 – 30% based on organic pigment.

Incorporation

AFCONA - 5280 should be added prior to the pigment dispersion process.

Storage

AFCONA-5280 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 200kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.