

AFCONA - S527



Chemical Composition

Modified polycarboxylate amine salt.

Product general description

Universal wetting and dispersing additive for organic and inorganic pigments.

Product Properties:

AFCONA-S527 is a low cost wetting and dispersing additive which helps to stable inorganic pigments, mainly TiO₂, iron oxide red and matting agents. As well as part of organic pigments.

AFCONA – S527 has excellent compatibility with most solvent-based coating systems, especially the systems based on alkyd resins.

AFCONA – S527 has below special properties and recommended in below systems:

- 1) AFCONA – S527 is a good choice of wetting and dispersing agent for inorganic and fillers.
- 2) When grinding organic and carbon blacks, AFCONA - S527 can help to reduce viscosity and improve the color development
- 3) Good performance with low cost.

Note: AFCONA – S527 will become slightly hazy at temperatures below 5° C. Heating up to uniformity. It will not influence the quality.

Product Specification

Non-volatile matter	≥94%(150°C,0.5h)
Solvent	Alkylbenzene /propylene glycol
Density	0.90 – 0.93 g/cm ³ (20°C)
Acid Value	25 - 35 mg KOH/g
Flash point	50°C
Gardner color	Max.8
Appearance	Transparent, brown liquid(25°C)

Addition and dosage

Percent by weight Form of supply compare with pigments:

- 2.0 - 4.0% based on TiO₂ or extenders
- 5.0 - 10.0% based on inorganic pigments
- 20.0 - 40.0% based on organic pigments
- 30.0 - 60.0% based on carbon blacks.

Incorporation

AFCONA-S527 should be added prior to the dispersion process.

Storage

AFCONA-S527 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

25kg and 190 kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.