

AFCONA-5255



Chemical Composition

Ammonium polycarboxylates.

Product general description

A controlled-flocculating wetting and dispersing additive for solvent-based systems.

Product properties

AFCONA-5255 effectively prevents the settling of fillers and inorganic pigments in medium to non-polar thick-layer systems and primers, and can also be used for bentonites.

AFCONA-5255 is the solvent-free version of AFCONA-5055.

AFCONA-5255 offers excellent viscosity reduction and wetting/dispersing performance for inorganic pigments and fillers, along with outstanding color development. It is particularly suitable to be used in long-, medium-, and short-oil alkyds, PVC copolymers, chlorinated rubber, and epoxy resin binder systems.

AFCONA-5255 is recommended for:

- 1) Industrial coatings.
- 2) Wood and furniture coatings.
- 3) Architectural coatings.
- 4) Protective coatings.

Product Specification

Non-volatile matter $\geq 97\%$ (150°C, 20min)

Acid value 65 - 95 mg KOH/g

Amine value 60 - 80 mg KOH/g

Flash point $> 100^\circ\text{C}$

Appearance Transparent, yellow to brownish liquid(25°C)

Addition and dosage

Calculation method for the required amount of active ingredient on pigment (SOP):

- TiO_2 : 2 - 5%
- Other inorganic pigments: 4 - 10%
- Bentonites: 15 - 25%

Incorporation

AFCONA-5255 should be incorporated in the mill base before adding the pigments.

Storage

AFCONA-5255 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 5 years from the date of manufacturer, if kept in original and unopened container. The expiry date is indicated on the package.

Packaging

25kg and 180kg non-returnable containers

For product safety information: please take reference of SDS.

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.