

AFCONA - 2022



Chemical Composition

Polysiloxane based defoaming polymer.

Product general description

A strong defoamer with easy incorporation. AFCONA-2022 is the polysiloxane based version of AFCONA-2020.

Product properties

AFCONA-2022 prevents the formation of foam and blisters during the manufacturing and application of solvent-based and solvent-free coatings.

AFCONA-2022 is ideal for both, production and application processes, particularly curtain coating. If foaming occurs during packaging, AFCONA-2022 can be added slowly with increased stirring speed to accelerate bubble breakdown.

Due to the presence of polysiloxane, AFCONA-2022 has better de-aerating properties than AFCONA-2020, while AFCONA-2020 offers stronger anti-foam performance.

AFCONA-2022 offers better in-can transparency than AFCONA-2020.

AFCONA-2022 is recommended for:

- 1) Two-component systems based on polyurethane and epoxy resins.
- 2) Baking paints based on alkyd, acrylic, and saturated polyester resins.
- 3) Air-drying industrial coatings based on long- and medium-oil alkyd resins.
- 4) Protective coatings.

Product Specification

Solvent	Xylene/Butyl Acetate/ Propylene glycol methyl ether acetate/ Ethyl Acetate
Density	0.88 - 0.90 g/cm ³ (20°C)
Refractive index	1.458 - 1.468(25°C)
Flash point	38°C
Appearance	Clear, colorless to slightly yellow liquid(25°C)

Addition and dosage

0.1- 1.0% on total formulation. Under normal conditions, the dosage is 0.20 - 0.50% based on total formulation.

Incorporation

AFCONA-2022 can be incorporated prior to processing. If added subsequently, good dispersion must be ensured.

Storage

AFCONA-2022 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 expiring date is indicated on the package.

Packaging

25kg and 170kg 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.