

AFCONA-2027



Chemical Composition

Fluorocarbon-modified, polysiloxane based defoaming polymer.

Product general description

A fair defoamer with minimum side effects.

Product properties

AFCONA-2027 prevents foam and blisters during the manufacturing and application. It combines effective defoaming with good compatibility in most resin systems. It is recommended for medium-viscosity applications, applied by spray and brush.

AFCONA-2027 is the ethyl acetate diluted version of AFCONA-2025, especially designed for printing ink applications. It can be used in all printing ink systems, including offset, gravure, flexographic and UV systems.

In coatings, AFCONA-2027 is the most suitable defoamer for aliphatic hydrocarbon-based systems where aromatic and ketone solvents are not permitted.

AFCONA-2027 is recommended for paint systems ranging from low to high polarity.

AFCONA-2027 is recommended for:

- 1) Air drying alkyd systems, air drying systems based on acrylic, vinyl or chlorinated polymers.
- 2) Polyurethane systems for wood coatings, plastic coatings and automotive refinish paints.
- 3) Nitrocellulose lacquers and acid-curing systems for wood coatings and general industrial.
- 4) Two-component solvent-based epoxy systems.
- 5) Baking paints based on alkyd, acrylic and saturated polyester.

Product Specification

Solvent	Ethyl Acetate
Density	0.89 - 0.91 g/cm ³ (20°C)
Refractive index	1.367 - 1.377 (25°C)
Flash point	-1°C
Appearance	Clear to slightly yellowish liquid (25°C)

Addition and dosage

0.1-1.0% on total formulation. Under normal conditions, the dosage is 0.20-0.40% based on total formulation.

Incorporation

AFCONA-2027 can be incorporated during the paint formulation process with adequate shear force applied to ensure good dispersion into the system.

Storage

AFCONA-2027 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 180kg non-returnable containers

For product safety information: please refer to the product SDS.

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.