

AFCONA-3038



Chemical Composition

Blend of high-boiling point aromatic petroleum solvent, ketone and ester solvents.

Product general description

An anti-blooming agent designed for thermoplastic systems. It serves as an anti-cratering agent (against pinholes) for all baking paints, and as a flow agent in solvent-based paints.

Product Properties

The properties of AFCONA-3038 and AFCONA-3037 are very similar. The main difference is that AFCONA-3037 contains a highly compatible polysiloxane and AFCONA-3038 does not contain any silicone. Thus, in terms of leveling and anti-cratering, AFCONA-3037 performs better.

Overall, AFCONA-3038 is more polar and thus has better solvency than AFCONA-3037. This results in superior resin solubility, which promotes better flow and compensates for its lack of silicone. Therefore, AFCONA-3038 is suitable for systems where silicones are not allowed or for very high-temperature curing applications, such as coil and can coatings.

In general, AFCONA-3038 shares the same application areas and dosage as AFCONA-3037. Therefore, AFCONA-3038 can be used:

- 1) As anti-blushing agent for thermoplastic coating systems such as nitrocellulose and thermoplastic acrylics.
- 2) To prevent solvent popping and boiling in baking paints.
- 3) To eliminate streaking in chlorinated rubber systems.
- 4) To promote flow and leveling .

Product Specification

Density	0.85 - 0.87 g/cm ³ (20°C)
Refractive index	1.466 - 1.476 (25°C)
Flash point	44°C
Appearance	Clear to slightly hazy/ colourless liquid (25°C)

Addition and dosage

2-5% on total formulation.

Incorporation

AFCONA-3038 can be added in any stage of production process. It can also be added on-site, requiring stirring to incorporate it into the system.

Storage

AFCONA-3038 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 refer to the product SDS.

AFCONA ADDITIVES

Web Site : www.afcona.com

This information and all further technical advice are based on our present knowledge and experience. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used. We reserve the right to make any changes according to science and technological progress or further developments.

This version replaces all previous ones.