

AFCONA - 3038



Chemical Composition

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

Product general description

Designed as anti-blushing agent for thermoplastic systems, anti solvent popping agent for all baking paints and act as flow agent for solvent-based paints

Product Properties

The properties of AFCONA – 3038 and 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-crater, AFCONA 3037 performs better.

In overall, AFCONA – 3038 is more polar, thus it has better solvency power than AFCONA – 3037. Therefore, it has better resin solubility, which eventually promotes better flow. This compensates the non silicone containing character. Therefore, AFCONA – 3038 is suitable for systems where silicone is not allowed or too high curing temperature systems, such as, coil and can coatings.

In general, AFCONA – 3038 have the same application usage as AFCONA – 3037.

Therefore, AFCONA – 3038 can be use as:

- 1) As anti-blushing agent for lacquer drying system like NC and Thermoplastic acrylic
- 2) Anti solvent popping and solvent boiling agent in baking paint
- 3) Additive to Prevent streaking in chlorinated rubber systems
- 4) Additive to promote flow and leveling

Product specification

Density at 20 °C	0.85 – 0.87 g/cm ³
Refractive index	1.466 - 1.476
Flashpoint	43 °C
Appearance	clear and colourless liquid

Addition and dosage

2- 5% on total formulation

Incorporation

AFCONA-3038 can be added in any stage of production process. It also can be used on sites with minimal stirring capacity. The incorporation of this product needs no high shear forces

Storage

AFCONA-3038 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

25 kg and 170 kg non-returnable containers