

AFCONA - 2018



Chemical Composition

Polymeric defoamer

Product general description

This defoamer is a polymeric defoamer containing small amounts of modified organo-silicone structures.

Product properties

AFCONA-2018 is recommended for a wide range of solvent-based systems, and in particular for those requiring high in-can transparency. It effectively eliminates bubbles from air entrapment during production (such as stirring, pumping) and demonstrates excellent defoaming during the application of pigmented paints and varnishes.

AFCONA-2018 has excellent compatibility, which makes it also suitable for varnish and high-gloss coating systems. In thick and high-transparency clear paint films for conventional spraying process, it offers excellent defoaming and effectively solves the bubble issue generated during the spraying phase, typical of solvent-based wood coatings.

Due to its excellent compatibility, AFCONA-2018 can be used as pre-added defoamer for resin manufacturing process.

AFCONA-2018 is recommended for:

- 1) Coating systems requiring both, in-can and dry film high transparency.
- 2) Polyurethane wood paint.
- 3) Acid-curing wood coatings and wash primers.
- 4) Nitrocellulose wood varnishes, industrial paints, and automotive refinish paints.

Product Specification

| | |
|------------------|---------------------------------------|
| Solvent | Xylene |
| Density | 0.86 - 0.88 g/cm ³ (20°C) |
| Refractive index | 1.490 -1.500(25°C) |
| Flash point | 25°C |
| Appearance | Clear to slightly yellow liquid(25°C) |

Addition and dosage

0.1-1.0% on total formulation. Under normal conditions, the dosage is 0.30 - 0.50% based on total formulation.

Incorporation

AFCONA-2018 can be incorporated prior to processing. If added subsequently, good dispersion must be ensured.

Storage

AFCONA-2018 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.