

AFCONA - 3030



Chemical Composition

Organic modified polyether polysiloxane.

Product general description

Slip and leveling agent for solvent and water based systems.

Product Properties:

AFCONA-3030 is a polyether modified polysiloxane. Mainly used as general slip and leveling agent for all solvent-based coatings to prevent Bénard Cells, provide levelling and works as anti-crater agent. The slip performance is not so high comparing to AFCONA – 3031, AFCONA – 3033 and AFCONA – 3230. Thus, this is a moderate slip leveling agent but the slip characteristic is dry type.

AFCONA-3030 can be used as leveling and anti-crater agent in water as well as in solvent-based applications. This product will stabilize more foam in water-based coatings. The special properties and recommended systems for AFCONA – 3030 are:

- 1) A very economic and effective slip and leveling agent for air-drying alkyd systems
- 2) A very effective anti-crater agent for polyurethane systems. It also gives very less inner bubble sensitivity in polyurethane system
- 3) Perform as a superior additive against Bénard Cells in all solvent-based systems
- 4) Suitable for industrial baking systems, where baking temperature is less than 170°C
- 5) Can be added into the grinding phase to speed up the wetting and grinding speed of pigments
- 6) Due to the foam stabilizing behavior not suitable for foam sensitive systems like solvent-free epoxy floor coatings.
- 7) Basically AFCONA – 3030 can be used in almost all solvent-based coatings as slip and leveling agent

Product Specification

Non-volatile matter	50 -54% (120°C,0.5h)
Solvent	Isobutanol
Density	0.90 – 0.92 g/cm ³ (20°C)
The refractive index	1.415 – 1.425 (25°C)
Flash point	40°C
Appearance	Clear to slightly hazy/ yellowish liquid (25°C)

Addition and dosage

0.1 - 0.7% on total formulation. In general under normal conditions, the dosage is 0.2 – 0.5% based on total formulation.

Incorporation

AFCONA-3030 can be added at any stage during the production process. When added during the dispersion process, it speeds up wetting.

Storage

AFCONA-3030 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

25kg and 180kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.