

AFCONA-3770



Chemical Composition

Fluorocarbon-modified polyacrylate polymer.

Product general description

Leveling and anti-crater agent with defoaming properties for solvent-based coatings.

Product Properties

AFCONA-3770 is a fluorocarbon modified acrylic polymer. Besides acting as an effective leveling agent, it also gives strong defoaming effect as well as anti-crater properties. In most systems, its defoaming effect is less than AFCONA-3775, but better than AFCONA-3777 or AFCONA-3670. Its anti-crater performance is almost similar to that of AFCONA-3777 or AFCONA-3670.

AFCONA-3770 has below features:

- 1) Improves leveling performance.
- 2) Prevents foam formation.
- 3) Acts as de-aerator and defoamer.
- 4) Improves substrate wetting and anti-crater performance.
- 5) Does not affect intercoat adhesion.

AFCONA-3770 is recommended for:

- 1) Two-component PU coatings.
- 2) Two-component epoxies.
- 3) Air-drying alkyd paints.
- 4) All baking enamels, especially coil and can coatings, where defoaming effect is highly needed.
- 5) Matt finish wood coatings and sealers.

Due to its high defoaming effect, AFCONA-3770 may cause slight haze in the coating appearance and is not recommended for clear high-gloss systems.

Product Specification

Non-volatile matter	69 - 71% (150°C, 0.5h)
Solvent	Propylene glycol methyl ether acetate
Density	1.01 - 1.03 g/cm ³ (20°C)
Gardner color	Max.3
Flash point	44°C
Appearance	Transparent to slightly yellowish liquid (25°C)

Addition and dosage

0.50-2.00% on total formulation. Under normal conditions, the dosage is 0.50-0.80% based on total formulation.

Incorporation

AFCONA-3770 should be incorporated at the end of the batch preparation.

Storage

AFCONA-3770 shall be stored in cool and dry place away from direct sunlight and protected from freezing. 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

30kg and 200 kg 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.