

AFCONA - 3770



Chemical Composition

Fluorocarbon modified polyacrylic polymer.

Product general description

Leveling agent with good defoaming effect and anti-crater working for solvent-based coating.

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 the defoaming effect is less than AFCONA – 3775, but better than AFCONA – 3777 or AFCONA – 3670. The anti-crater performance is almost similar to AFCONA – 3777 or AFCONA – 3670.

AFCONA-3770:

- 1) Improves leveling performance
- 2) prevents foam formation
- 3) works as de-aerator and defoamer
- 4) improves substrate wetting and anti-crater performance
- 5) does not interfere with intercoat adhesion.

AFCONA – 3770 is suitable for all solvent-based coatings especially for:

- 1) 2 pack PU coatings
- 2) 2 pack epoxies
- 3) Air drying alkyd paints
- 4) All baking enamels, especially coil and can coatings where the defoaming effect is highly needed
- 5) Matt finish wood coatings and sealers
- 6) Not suitable for unpigmented high gloss systems, due to the high defoaming effect, it will give in-can haziness.

Product Specification

Non-volatile matter 69 - 71% (150°C,0.5h)

Solvent	PMA
Density	1.01 - 1.03 mg/cm ³ (20°C)
Flash point	44°C
Gardner color	Max.3
Appearance	Clear to hazy, yellowish liquid (25°C)

Addition and dosage

0.50 – 2.00% on total formulation. In general, under normal conditions, the dosage is 0.50 – 0.80% based on total formulation.

Incorporation

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

Storage

AFCONA-3770 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

30kg and 200 kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.