

# AFCONA-3758



## Chemical Composition

Polyacrylic polymer.

## Product general description

AFCONA-3758 is a leveling and anti-cratering agent developed specifically to replace fluorocarbon-modified leveling agents in solvent-borne coatings.

## Product Properties

AFCONA-3758 is a special modified polyacrylic polymer. It drastically reduces surface tension of organic coating systems. This, together with good compatibility in most solvent-based systems and with minimal foam stabilizing effect, makes it very effective as an anti-crater and flow control agent for all solvent based coating.

The leveling and anti-crater of AFCONA-3758 can be further improved by combination with other AFCONA silicone or fluorocarbon additives, wherever permitted.

AFCONA-3758 has the following advantages and properties:

- 1) Fast leveling effect at the beginning of application.
- 2) Remove the pollution of substrate as an anti-crater agent.
- 3) Almost no influence of adhesion between layers.
- 4) Good compatibility in most glossy varnishes.

AFCONA-3758 is recommended for:

- 1) Stoving enamels based on alkyd, acrylic and polyester resins.
- 2) Polyurethane coatings.
- 3) Two-component epoxy systems.
- 4) Thermoplastic systems like NC, TPA and CAB.
- 5) UV coating.

## Product Specification

Non-volatile matter	50 - 53% (150°C, 0.5h)
Solvent	Propylene glycol methyl ether acetate
Density	1.00 - 1.04 g/cm <sup>3</sup> (20°C)
Refractive index	1.435 - 1.445 (25°C)
Gardner Color	Max.3
Flash point	44°C
Appearance	Transparent to slightly yellowish liquid (25°C)

## Addition and dosage

0.10-1.00% on total formulation. Under normal conditions, the dosage is 0.20-0.50% based on total formulation.

## Incorporation

AFCONA-3758 should be incorporated at the end of the batch preparation.

## Storage

AFCONA-3758 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 200 kg non-returnable containers

**For product safety information: please take reference of SDS.**

AFCONA ADDITIVES

Web Site : [www.afcona.com](http://www.afcona.com)

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