

# AFCONA - 3758



## Chemical Composition

Polyacrylic polymer.

## Product general description

A moderate defoamer with less side effect.

## Product Properties:

In today coating world, polymers containing fluorocarbon is nearly banned in all coating related to electronic application. AFCONA – 3758 are mainly developed to replace fluorocarbon modified leveling agent where it gives the same leveling and anti-crater performance.

AFCONA – 3758 is a special modified polyacrylic polymer. It reduces drastically 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 improve by combine with AFCONA any silicone containing or fluorocarbon containing, wherever it permitted, leveling agent. It will further improve the leveling, anti-crater and substrate wetting Properties.

AFCONA-3758 has below advantages and properties:

- 1) Fast leveling effect at beginning of apply;
- 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 suitable for all solvent based systems:

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

## Product Specification

Non-volatile matter	50 - 53% (150°C,0.5h)
Solvent	PMA
Density	1,00 - 1,04g/cm <sup>3</sup> (20°C)
The refractive index	1,435 - 1,445 (25°C)
Flash point	44°C
Gardner Color	Max.3
Appearance	Transparent to slightly yellowish liquid (25°C)

## Addition and dosage

0.10 – 1.00% on total formulation. In general under normal conditions, the dosage is 0.20 – 0.50% based on total formulation.

## Incorporation

AFCONA-3758 can be incorporated at end stage of production process.

## Storage

AFCONA-3758 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 200 kg non-returnable containers

AFCONA ADDITIVES

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

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