

# AFCONA - 3588



## Chemical Composition

Organically modified polysiloxane for aqueous systems.

## Product general description

Silicone based leveling, substrate wetting and anti-crater agent for aqueous coatings & inks without influent of inter-coat adhesion.

## Product Properties:

AFCONA – 3588 is a special designed polyether modified polysiloxane. It moves very fast in defective part of coatings, and can decrease the surface tension easily, and it has good compatibility properties.

Hence, it is very effective in below properties for any water based systems:

- 1) Excellent anti-crater behavior.
- 2) Improved leveling.
- 3) Fast & better substrate wetting.
- 4) No inter-coat adhesion problems.
- 5) Little or no foam stabilization.

## Product Specification

Non-volatile matter	≥96% (120°C,0.5h)
Density	1.04 – 1.08 g/cm <sup>3</sup> (20°C)
The refractive index	1.445 – 1.465 (25°C)
Flash point	>100°C
Gardner color	Max.3
Appearance	Transparent to slight yellowish liquid (25°C)

## Addition and dosage

0.1 – 1.0% on total formulation. In general, under normal conditions, the dosage is 0.1 – 0.5% based on total formulation.

## Incorporation

AFCONA-3588 should be added after processing.

## Storage

AFCONA-3588 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](http://www.afcona.com)

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This version replaces all previous ones.