

# AFCONA-3587



## Chemical Composition

Polyether modified polysiloxane.

## Product general description

Substrate wetting and anti-crater agent for water-based coatings and inks.

## Product Properties

AFCONA-3587 is a polyether-modified polysiloxane. It is recommended to solve substrate wetting problems in water-based coatings.

AFCONA-3587 can reduce the surface tension quickly and has excellent anti-crater properties. Hence, it causes no foam stabilization or inner-coat adhesion problems.

AFCONA-3587 offers the following advantages:

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

## Product Specification

Non-volatile matter	≥95% (120°C,0.5h)
Density	0.97 - 1.00 g/cm <sup>3</sup> (20°C)
Refractive index	1.430 - 1.450 (25°C)
Gardner color	Max.3
Flash point	>100°C
Appearance	Pale yellow clear liquid (25°C)

## Addition and dosage

0.2-1.0% on total formulation. Under normal conditions, the dosage is 0.1-0.5% based on total formulation.

## Incorporation

AFCONA-3587 can be incorporated during the paint adjustment process. Shear force is required to ensure its good dispersion within the system.

## Storage

AFCONA-3587 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 3 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 refer to the product SDS.**

AFCONA ADDITIVES

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

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