

# AFCONA - 3587



## Chemical Composition

Polyether modified polysiloxane.

## Product general description

Silicone based leveling, substrate wetting and anti-crater agent for aqueous coatings.

## Product Properties:

AFCONA – 3587 is the structure of polyether modified polysiloxane. It is recommended to solve substrate wetting problem in water-based coatings. AFCONA -3587 can reduce the surface tension quickly, and has excellent property of anti-crater. Hence, no foam stabilization problems as well as inner adhesion problems between coating films.

AFCONA-3587 has below advantages:

- 1) Excellent anti-crater behavior.
- 2) Fast and better substrate wetting.
- 3) Improved leveling.
- 4) No inter-coat adhesion 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)
The refractive index	1.430 – 1.450 (25°C)
Flash point	>100°C
Gardner color	Max.3
Appearance	Transparent to slight yellowish liquid (25°C)

## Addition and dosage

0.2 – 1.0% on total formulation. In general, under normal conditions, the dosage is 0.1 – 0.5% based on total formulation.

## Incorporation

AFCONA-3587 should be added prior to processing. Shear force is needed If it has been added after processing.

## Storage

AFCONA-3587 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 3 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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This version replaces all previous ones.