

AFCONA-3586



Chemical Composition

Short chain organically modified polysiloxane.

Product general description

Leveling and anti-crater agent for water-based coatings and inks.

Product Properties

AFCONA-3586 strongly reduces surface tension and offers good compatibility. Hence, it is highly effective in providing the following benefits for any water-based systems:

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

AFCONA-3586 and AFCONA-3585 have different modifications on the polyether part. These variations result in different orientation of the polymer in various aqueous resin systems, leading to differences in surface tension reduction and substrate wetting. Thus we recommended testing both products to select the most suitable product for your formulation.

Product Specification

Non-volatile matter	≥95% (120°C, 0.5h)
Density	1.05 - 1.07 g/cm ³ (20°C)
Refractive index	1.450- 1.460 (25°C)
Gardner color	Max.3
Flash point	>100°C
Appearance	Colorless to pale yellow clear liquid (25°C)

Addition and dosage

0.1-1.0% on total formulation. Under normal conditions, the dosage is 0.1-0.3% based on total formulation.

Incorporation

AFCONA-3586 can be incorporated at any stage of production.

Storage

AFCONA-3586 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

30kg and 200 kg non-returnable containers

For product safety information: please refer to the product SDS.

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.