

AFCONA-3590



Chemical Composition

Organically fluorocarbon modified polysiloxane.

Product general description

AFCONA-3590 is a leveling and substrate wetting agent for aqueous coatings and printing inks.

Product Properties

AFCONA-3590 is a specially designed fluorocarbon-modified polysiloxane. It can quickly reduce the surface tension and improve substrate wetting, as well as provide excellent anti-crater properties and causes no inter-coat adhesion problems.

AFCONA-3590 offers the following advantages:

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

Product Specification

Non-volatile matter	≥85% (120°C,10min)
Density	1.033 - 1.073 g/cm ³ (20°C)
Refractive index	1.424-1.444 (25°C)
Gardner color	Max.6
Flash point	>100°C
Appearance	Yellow to pale yellowish-brown clear liquid (25°C)

Addition and dosage

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

Incorporation

AFCONA-3590 can be incorporated during the paint adjustment process. Shear force must be applied to ensure homogeneous mixing with the system.

Storage

AFCONA-3590 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.