

AFCONA - 3589



Chemical Composition

Organically fluorocarbon modified polysiloxane.

Product general description

AFCONA-3589 is a substrate wetting and anti-crater agent for aqueous coatings and printing inks.

Product Properties:

AFCONA – 3589 is a substrate wetting agent of organically fluorocarbon modified polysiloxane. Because of the short molecular chain segment. AFCONA-3589 can quickly decrease the surface tension and move to defective surface area.

AFCONA -3589 has excellent property of anti-crater. Hence, no foam stabilization problems as well as inner adhesion problems between coating films.

AFCONA-3589 has below advantages:

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

*Note: AFCONA-3589 is 100% active ingredient. But because of the special structure, there would be un stable of its non-volatile matter test.

Product Specification

Density	0.96 – 1.00 g/cm ³ (20°C)
The refractive index	1.405 – 1.425 (25°C)
Flash point	47°C
Gardner color	Max.5
Appearance	Transparent, Yellow liquid(25°C)

Addition and dosage

0.1 – 1.0% on total formulation. In general, under normal conditions, the dosage is 0.2 – 0.6% based on total formulation.

Incorporation

AFCONA-3589 should be added prior to processing. Shear force is required.

Storage

AFCONA-3589 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

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This version replaces all previous ones.