

AFCONA - 3590



Chemical Composition

Organically fluorocarbon modified polysiloxane.

Product general description

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

Product Properties:

AFCONA – 3590 is a special structure designed fluorocarbon modified polysiloxane. It can quickly reduce the surface tension and improve the performance of substrate wetting, as well as excellent anti-crater property. And without inner adhesion problem between coating films.

AFCONA-3590 has below advantages:

- 1) Excellent anti-crater behavior.
- 2) Good levelling property.
- 3) Fast substrate wetting.
- 4) No adhesion problems between coating films,
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)
The refractive index	1.424 – 1.444 (25°C)
Flash point	>100°C
Gardner color	Max.6
Appearance	Clear, yellow to tawny liquid (25°C)

Addition and dosage

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

Incorporation

AFCONA-3590 should be added prior to processing. Shear force is required.

Storage

AFCONA-3590 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

30kg and 200 kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.