

AFCONA-3588



Chemical Composition

Polyether modified polysiloxane.

Product general description

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

Product Properties

AFCONA-3588 is a specially designed polyether-modified polysiloxane. It migrates rapidly to defective parts of coatings, effectively 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) Improved leveling.
- 3) Fast & better substrate wetting.
- 4) No inter-coat adhesion problems. No re-coating problems.
- 5) Little or no foam stabilization.

Product Specification

| | |
|---------------------|--|
| Non-volatile matter | ≥96% (120°C, 0.5h) |
| Density | 1.04 - 1.08 g/cm ³ (20°C) |
| Refractive index | 1.445 - 1.465 (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- 0.5% based on total formulation.

Incorporation

AFCONA-3588 should be incorporated at the end of the batch preparation.

Storage

AFCONA-3588 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 5 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.