

AFCONA - 3586



Chemical Composition

Organically modified polysiloxane for aqueous systems.

Product general description

Silicone based leveling, substrate wetting and anti-crater agent for aqueous coatings & inks without influent of inter-coat adhesion.

Product Properties:

AFCONA – 3586 has a very strong surface tension reduction and good compatibility properties. Hence, it is very effective in below properties for any water based systems:

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

AFCONA – 3586 and AFCONA 3585 have different modification on the polyether part where these different modification result in different orientation of the polymer in various aqueous resin systems to obtain different surface tension reduction and substrate wetting. Thus we recommended to test both products to obtain the suitable product to use.

Product Specification

Non-volatile matter	≥95% (120°C,0.5h)
Density	1.05 – 1.07 g/cm ³ (20°C)
The refractive index	1.450 – 1.460 (25°C)
Flash point	>100°C
Gardner color	Max.3
Appearance	Transparent to slight yellowish liquid (25°C)

Addition and dosage

0.1 – 1.0% on total formulation. In general, under normal conditions, the dosage is 0.1 – 0.3% based on total formulation.

Incorporation

AFCONA-3586 should be added prior to, or after processing.

Storage

AFCONA-3586 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.