

AFCONA - 3596



Chemical Composition

Polyether modified polysiloxane.

Product general description

AFCONA-3596 is a levelling and substrate wetting agent for aqueous coatings and printing inks.

Product Properties:

AFCONA – 3596 is a special structure designed polyether modified polysiloxane. It is especially recommended to the formulation design of water-born epoxy systems, It can be used as substrate wetting agent in printing inks, as well as in wood and furniture coatings, and it also can be used in polymerized emulsions and general industrial paints.

AFCONA-3596 has both of excellent substrate wetting property and defoaming property. It can improve the wetting performance for many substrates, and facilitates leveling.

AFCONA-3596 has below advantages:

- 1) Solvent-free, no VOC problem..
- 2) Good substrate wetting and leveling performance.
- 3) No adhesion problems between coating films, No re-coating problems.
- 4) Little or no foam stability.

Product Specification

Non-volatile matter	≥88%(120°C,0.5h)
Density	1.00 – 1.03 g/cm ³ (20°C)
The refractive index	1.427 – 1.447 (25°C)
Flash point	>100°C
Gardner color	Max.7
Appearance	Transparent, yellow to brownish liquid (25°C)

Addition and dosage

0.1 – 1.0% on total formulation. In general, under normal conditions, the dosage is 0.2 – 0.8% based on total formulation.

Incorporation

AFCONA-3596 should be added at the end of process. Shear force is required.

Storage

AFCONA-3596 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

This information and all further technical advice are based on our present knowledge and experience. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used. We reserve the right to make any changes according to science and technological progress or further developments.

This version replaces all previous ones.