

# AFCONA-K184-60



## **Chemical Composition**

Solution of polyether-modified polysiloxane.

## **Product general description**

Leveling agent for solvent-based coatings, with a slight reduction in surface tension and minor improvement in surface slip.

## **Product properties**

AFCONA-K184-60 is a polyether-modified polysiloxane that effectively prevents the formation of Bénard cells in all solvent-based coatings, improves leveling and prevents shrinkage cavity.

AFCONA-K184-60 has the ability to slightly reduce the surface tension of solvent-based coating systems and offers slip to the film.

AFCONA-K184-60 is recommended for use in all solvent-borne coating systems due to its good compatibility, at appropriate dosage.

Correct dosage shall be determined prior to industrial scale use and through adequate tests on foam stabilization, recoatability and shrinkage.

## **Product Specification**

Non-volatile matter	50 - 54% (105°C, 1h)
Solvent	Propylene glycol methyl ether acetate/2-Phenoxyethanol
Density	1.01 - 1.04 g/cm <sup>3</sup> (20°C)
Refractive index	1.458 - 1.468 (25°C)
Flash point	57°C
Appearance	Colourless to clear yellowish liquid (25°C)

## **Addition and dosage**

0.05 - 1.0% on total formulation. Under normal conditions, the dosage is 0.1 - 0.6% based on total formulation.

## **Incorporation**

AFCONA-K184-60 can be added at any stage of the process. Additional shear force is required to ensure uniform mixing with the base system.

## **Storage**

AFCONA-K184-60 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**

25kg and 200kg non-returnable containers

**For product safety information: please take reference of SDS.**

AFCONA ADDITIVES

Web Site : [www.afcona.com](http://www.afcona.com)

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