

AFCONA-K119-64



Chemical Composition

Polyether modified polysiloxane.

Product general description

Wetting and leveling agent for solvent-based coating systems.

Product properties

AFCONA-K119-64 is a polyether modified polysiloxane structure used as a wetting and leveling agent in solvent-based systems. It can rapidly migrate to the liquid-solid and liquid-gas interfaces, effectively preventing the formation of Bénard cells in solvent-based coating systems, providing wetting and leveling functions.

AFCONA-K119-64 has good miscibility with most solvent-based resin systems and shows low foam stability.

AFCONA-K119-64 is a medium slip-promoting leveling agent with dry smooth characteristics.

Product Specification

Non-volatile matter	≥98% (120°C, 0.5h)
Density	1.00 - 1.04g/cm ³ (20°C)
Refractive index	1.425 - 1.445(25°C)
Flash point	> 100°C
Appearance	Clear to slightly yellow liquid (25°C)

Addition and dosage

0.1 - 1.0% on total formulation. Under normal conditions, the dosage is 0.2 - 0.5% based on total formulation.

Incorporation

AFCONA-K119-64 should be added at any stage of the process. When added during the post-dosing stage, additional shear force is required to ensure uniform dispersion in the system.

Storage

AFCONA-K119-64 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

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This version replaces all previous ones.