

AFCONA-3033



Chemical Composition

Polyether-modified polysiloxane.

Product general description

A slip and leveling agent for solvent-based coatings.

Product Properties

AFCONA-3033 is a specially end-modified polysiloxane. It enhances the slip performance and surface smoothness of coatings. It provides a dry slip characteristic, making it particularly suitable for wood coatings and thermoplastic resins.

AFCONA-3033 has excellent compatibility properties, making it very suitable for use in clear coatings. However, good compatibility can also stabilize foam. Therefore, in foam-sensitive systems, defoamers such as AFCONA-2020, AFCONA-2720 or AFCONA-2722 are recommended to eliminate the additional foam generated. However, for normal conventional spray systems, these extra defoamers are not needed.

AFCONA-3033 is recommended for:

- 1) All wood coating systems, including nitrocellulose, acid-curing and polyurethane. It also can be used in UV coating where high transparency is required.
- 2) Coatings formulated with thermoplastic resins, including thermoplastic acrylics and nitrocellulose lacquers. It has very good slip and leveling properties.

Product Specification

Non-volatile matter	14 - 16% (120°C, 0.5h)
Solvent	Butyl Acetate
Density	0.89 - 0.91 g/cm ³ (20°C)
Refractive index	1.396 - 1.406 (25°C)
Flash point	43°C
Appearance	Colorless, clear to slightly yellowish 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-3033 can be added at any stage of production. When added during the dispersion process, it speeds up wetting.

Storage

AFCONA-3033 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 180kg non-returnable containers

For product safety information: please refer to the product SDS.

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.