

AFCONA-3085



Chemical Composition

Polyether-modified polysiloxane.

Product general description

A slip and leveling agent with hydroxyl functionality.

Product Properties

AFCONA-3085 is a polysiloxane-based polymer containing di-hydroxyl functional groups at both terminations. This structure enables it to cross-link in polyurethane systems as well as in baking paints.

AFCONA-3085 is specially designed with the cross-linking properties to provide permanent slip in polyurethane coatings and baking paints.

AFCONA-3085 is very compatible with most systems, which can lead to foam stabilization. Therefore, in foam-sensitive systems, it should be used in combination with a suitable defoamer. For conventional air spray applications, additional defoamers are not required.

AFCONA-3085 is suitable for all solvent-based systems, and is particularly recommended for wood coatings.

Product Specification

Non-volatile matter	50 - 54% (120°C,0.5h)
Solvent	2-Butoxyethanol
Density	0.96 - 0.98 g/cm ³ (20°C)
Refractive index	1.425 - 1.435 (25°C)
Flash point	32°C
Appearance	Transparent 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. To prevent hand marking in PU wood coatings, the dosage needed is 1-3% on total formulation.

Incorporation

AFCONA-3085 can be added at any stage of the production process. When added during the dispersion process, it speeds up wetting.

Storage

AFCONA-3085 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 190 kg non-returnable containers

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

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.