

AFCONA - 3085



Chemical Composition

Organic modified polyether polysiloxane.

Product general description

Slip and leveling agent hydroxyl functional terminated.

Product Properties:

AFCONA-3085 is a polysiloxane based polymer with di-hydroxyl functional groups terminated at both end. This enables AFCONA – 3085 to cross-link in polyurethane system as well as in baking paints.

With the cross-linking properties AFCONA – 3085 specially is designed to give permanent slip to polyurethane coatings and baking paints.

AFCONA – 3085 is very compatible with most systems. Therefore, it could stabilize foam. Thus, in foam sensitive systems a suitable defoamer needs to be combined. For normal conventional pressure spray, additional defoamers are not needed.

AFCONA-3085 can be used in all solvent based as well as all water based systems.

Product Specification

Non-volatile matter	50 - 54% (120°C,0.5h)
Solvent	2-Butoxyethanol
Density	0.96 – 0.98 g/cm ³ (20°C)
The refractive index	1.425 – 1.435 (25°C)
Flash point	32°C
Appearance	Transparent to slight yellowish liquid (25°C)

Addition and dosage

0.1- 1.0% on total formulation. In general 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 during the production process. If added during the dispersion process, it speeds up wetting.

Storage

AFCONA-3085 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. The expiry date is indicated on the container.

Packaging

25kg and 190 kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.