

# AFCONA - 3085



## Chemical Composition

Organically 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 is recommended for all kind of solvent-based coatings, especially wood coatings.

## Product specification

Active ingredients	50 – 54%
Solvents	Ethylene glycol monobutyl ether
Density at 20 °C	0.96 - 0.98 g/cm <sup>3</sup>
Refractive index	1.425 - 1.435
Flashpoint	32 °C
Appearance	transparent to slight yellowish liquid

## 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

25 kg and 180 kg non-returnable containers