

# AFCONA-3835



## Chemical Composition

Polyether-modified polysiloxane with methacrylate end groups.

## Product general description

Reactive slip and leveling agent for UV-curable and vinyl-curable systems.

## Product properties

AFCONA-3835 is a polyether-modified polysiloxane used as a slip and leveling agent. It effectively prevents the formation of Bénard cells, providing leveling and anti-cratering properties.

Specially designed with methacrylate functional end groups, AFCONA-3835 reacts into the film during UV and other free radical curing systems to provide permanent slip.

AFCONA-3835 is recommended for:

1. UV-curable and electron beam curing systems.
2. Other resin systems with unsaturated bonds.

## Product Specification

Non-volatile matter	≥96% (120°C, 0.5h)
Density	1.00 - 1.04 g/cm <sup>3</sup> (20°C)
Refractive index	1.420- 1.460 (25°C)
Flash point	>100°C
Appearance	Colorless to slightly yellowish clear liquid (25°C)

## Addition and dosage

0.05-1.00% on total formulation. Under normal conditions, the dosage is 0.10-0.50% based on total formulation.

## Incorporation

AFCONA-3835 should be added at the end of the batch preparation to avoid high processing temperatures (>50°C), which could lead to the loss of reactive groups.

## Storage

AFCONA-3835 shall be stored in cool and dry place away from direct sunlight when the storage temperature does not exceed 25°C. Shelf-life is 2 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](http://www.afcona.com)

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