

# AFCONA - 3035



## Chemical Composition

Organically modified polyether polysiloxane.

## Product general description

Additive to improve leveling and prevent surface defects in UPE and epoxy systems. The slip of this product is minimal.

## Product Properties:

AFCONA-3035 is a special designed additive for UPE and Epoxy systems. It has very good compatibility with high polar systems and performs very well especially in UPE.

AFCONA-3035 can be used in water and solvent-based coatings. AFCONA-3035 particularly is recommended for UPE as well as Epoxy coating systems. It helps to prevent curtain-rupture in curtain coating applications. In UPE and epoxy system, AFCONA – 3035 gives below properties.

- 1) improves leveling
- 2) offers better compatibility with less side effects like craters and contaminations compared to unmodified polydimethylsiloxanes which are widely used in UPE system.
- 3) prevents irregular surface shrinkage
- 4) resistant to hydrolysis

## Product Specification

Non-volatile matter	50-54% (120°C,0.5h)
Solvent	Methylpropanol
Density	0.98-1.00 g/cm <sup>3</sup> (20°C)
The refractive index	1,420 - 1,430 (25°C)
Flash point	35°C
Appearance	Clear to slightly yellow liquid (25°C)

Note:May be cloudy at low temperature

## Addition and dosage

0.1 - 0.5 % on total formulation. In general under normal conditions, the dosage is 0.1 – 0.3% based on total formulation.

## Incorporation

AFCONA-3035 can be added at any stage during the production process. When added during the dispersion process, it speeds up wetting.

## Storage

AFCONA-3035 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 200kg non-returnable containers

AFCONA ADDITIVES  
Web Site : [www.afcona.com](http://www.afcona.com)

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