

AFCONA-3035



Chemical Composition

Polyether-modified polysiloxane polymer.

Product general description

A leveling agent that prevents surface defects in unsaturated polyester and epoxy resin coating systems. The slip of this product is minimal.

Product Properties

AFCONA-3035 is an additive specially designed for unsaturated polyester and epoxy resin systems. It has very good compatibility with high polar systems and provides effective leveling property. Its performance is particularly outstanding in unsaturated polyester systems.

AFCONA-3035 can be used in both, water-based and solvent-based coatings. It helps prevent curtain rupture in curtain coating applications.

AFCONA-3035 imparts the following properties to unsaturated polyester and epoxy resin coating systems:

- 1) Improved leveling
- 2) Superior compatibility with less side effects (such as cratering and contamination) compared to conventional, unmodified polydimethylsiloxane, especially in unsaturated polyester systems.
- 3) Prevention of irregular surface shrinkage.
- 4) Hydrolysis resistance.

Product Specification

Non-volatile matter	50 - 54% (120°C, 0.5h)
Solvent	1-Methoxy-2-propanol
Density	0.98 - 1.00 g/cm ³ (20°C)
Refractive index	1.420 - 1.430 (25°C)
Flash point	35°C
Appearance	Colorless to clear, slightly yellowish liquid (25°C)

Note: May be cloudy at low temperature

Addition and dosage

0.1-0.5% on total formulation. Under normal conditions, the dosage is 0.1-0.3% based on total formulation.

Incorporation

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

Storage

AFCONA-3035 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 200kg non-returnable containers

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

AFCONA ADDITIVES
Web Site : www.afcona.com

This information and all further technical advice are based on our present knowledge and experience. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used. We reserve the right to make any changes according to science and technological progress or further developments

\This version replaces all previous ones.