

# AFCONA – 3253



## Chemical Composition

Polyether modified polysiloxane.

## Product general description

Wetting and leveling agent designed for solvent based coatings.

## Product Properties

AFCONA-3253 is fully active ingredient Comb-like structure of polyether modified polysiloxane, which can improve the flowability of wet coating film, and ensure smooth surface of coating film.

AFCONA-3253 has excellent miscible with most of resins from low to medium polarity, as well as low foam stability, and a wide range of leveling adaptability.

AFCONA-3253 is recommended for UV-curing coatings, composite materials, solventless epoxy and solvent based inks and etc. It is specially suitable for the polyurethane mortar system. It performances excellent leveling spreading ability, and without bubble-stabilizing behavior.

Note:AFCONA-3253 will be slightly hazy below 5°C. heat and mixing to uniform.This will not influence the quality.

## Product Specification

Non-volatile matter	≥98 %(120°C,0.5h)
Density	0.962-0.982 g/cm <sup>3</sup> (20°C)
The refractive index	1.435 - 1.455(25°C)
Flash point	> 100°C
Gardner color	Max.3
Appearance	transparent to yellowish liquid (25°C)

## Addition and dosage

0.1 - 0.5% on total formulation.In general under normal conditions, the dosage is0.1 - 0.3% based on total formulation.

## Incorporation

AFCONA-3253 can be incorporated at any stage of process. Shear force is required to be well mixed with the system.

## Storage

AFCONA-3253 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