

AFCONA-3253



Chemical Composition

Polyether modified polysiloxane.

Product general description

Wetting and leveling agent for solvent-based coating systems.

Product Properties

AFCONA-3253 is a 100% active ingredient with a comb-like structure of polyether modified polysiloxane which improves the flow-ability of the wet coating film and ensures a smooth surface of the coating.

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

AFCONA-3253 is recommended for UV-curing coatings, composite materials, solvent-free epoxy, solvent-based inks, etc. It is especially suitable for polyurethane mortar systems. It exhibits excellent leveling spreading ability without foam-stabilizing behavior.

Note: AFCONA-3253 may become slightly hazy at or below 5°C. It can be restored at room temperature. This will not influence the quality.

Product Specification

Non-volatile matter	≥98 %(120°C,0.5h)
Density	0.962 - 0.982 g/cm ³ (20°C)
Refractive index	1.435 - 1.455(25°C)
Gardner color	Max.3
Flash point	> 100°C
Appearance	Clear to slightly yellow liquid (25°C)

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-3253 can be incorporated at any stage of process. Shear force must be applied to ensure homogeneous mixing with the system.

Storage

AFCONA-3253 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 190 kg non-returnable containers

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