

AFCONA – 3255



Chemical Composition

Polyether modified polydimethylsiloxane.

Product general description

Wetting and leveling agent designed for solvent based, solvent-free and water-born coatings.

Product Properties

AFCONA-3255 is 100% active ingredient supply form. Efficiently reduce the surface tension in coatings and printing inks. and improve the substrate wetting and prevent craters. It also can give the surface smooth touch of coating film.

AFCONA-3255 has excellent miscible with most of resins. And recommended to be used in solvent based, solvent-free and water-born systems. Because of its excellent compatibility, foam stabilization might be existed in some systems. Tests is required to find a best addition.

Note:AFCONA-3255 will be slightly hazy and crystallized below 5°C. Heat it up and mix it well before use. This will not influence its performance.

Product Specification

Non-volatile matter	≥97 %(120°C,0.5h)
Density	1.00 - 1.04 g/cm ³ (20°C)
Refractive index	1.438 - 1.458(25°C)
Flash point	> 100°C
Appearance	Clear to yellowish liquid (25°C)

Addition and dosage

0.1-1.0% on total formulation. In general under normal conditions, the dosage is 0.1-0.5% based on total formulation.

Incorporation

AFCONA-3255 can be incorporated at any stage of process. Shear force is required to be well mixed with the system.

Storage

AFCONA-3255 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 200 kg non-returnable containers

For product safety information: please take reference of SDS.