

AFCONA - S030



Chemical Composition

Polyether modified polysiloxane.

Product general description

Slip & leveling agent for solvent based and water-born coatings.

Product properties

AFCONA-S030 is polyether modified polysiloxane polymer. It has the performance of slip and leveling. prevents the formation of benardcell. And provides leveling as well as prevents the formation of craters. It is a middle performance slip and leveling agent. The property of slip is a little bit weaker than AFCONA 3031, AFCONA 3033 and AFCONA 3230. The slip is dry smooth.

AFCONA -S030 also can be used in water-born systems, perform as a good leveling and anti-crater additive. But it would be a little foam-stabilization.

AFCONA-S030 is recommended for below applications:

- 1) good cost performance as slip and leveling agent in air drying systems;
- 2) PU system, good anti-crater property and low foam stability in PU systems;
- 3) it is suitable for all solvent based coating systems. And it is a good additive to prevent benardcell formation.
- 4) It performs as slip, leveling and ant-crater agent in industrial baking paints when cross-linking temperature is below 170°C.
- 5) It will improve wetting and short the time of pigment grinding when added to grinding concentrate.
- 6) Not recommended to the systems which is sensitive of foams, such as solvent-free epoxy. It will increase the foam stability;
- 7) AFCONA-S030 is applied as slip and leveling agent in almost all of coating systems.

Product Specification

Non-volatile matter	23-27 %(120°C,0.5h)
Solvent	Xylene/Iso-butanol
Density	0.88 - 0.92 g/cm ³ (20 °C)
The refractive index	1.470 - 1.480(25 °C)
Flash point	31°C
Appearance	Clear to slightly yellow liquid(25°C)

Addition and dosage

0.1- 1.0% on total formulation. In general under normal conditions, the dosage is 0.20 – 0.50% based on total formulation.

Incorporation

AFCONA-S235 can be incorporated at any stage of process. When added prior to Processing, it will increase the efficient of pigment wetting.

Storage

AFCONA-S030 should be stored in a cool and dry place. When kept in an original unopened container, it will keep up for 5 years from the date of manufacture. The expiry date is indicated on the container.

Packaging

25kg and 180kg non-returnable containers

For product safety information: please take reference of SDS.