

AFCONA – S332



Chemical Composition

Polyether modified polysiloxane

Product general description

Slip and levelling agent for solvent born coating systems.

Product properties

AFCONA-S332 is an end modification of special polysiloxane. Due to this kind of modification, it enhances coatings slip performance and surface smoothness. The dry type performance of slip, which makes it very suitable for wood coatings and thermoplastic character resins.

Benefit of its excellent compatibility, it is very suitable for all kinds of varnishes. However, good compatibility also comes with more foam stabilizing. Thus, It is suggested to add defoamer for those paint systems are sensitive of foam. Like AFCONA-2020, AFCONA-2022 and AFCONA-2045 is good defoamer to destroy foams and prevent the formation of foams. However, It is un-necessary to add extra defoamer in normal conventional spray systems.

AFCONA-S332 is recommended for below applications:

- 1) All wood coating systems based on NC, Acid curing and Polyurethane. It also can be used in UV coatings, where transparency of the coating is needed.
- 2) Suitable for thermoplastic character resins like Thermoplastic Acrylic and NC systems. It gives very good slip and leveling properties for these systems.

Product specification:

Non-volatile matter	11.5 - 13.5%
Solvents	Xylene/2-phenoxyethanol
Density at 20 °C	0.915 - 0.935 g/cm ³
Refractive index(25°C)	1.490 -1.500
Flash point	25 °C
Appearance	Clear to slight yellow liquid

Addition and dosage:

0.1 - 1.0% on total formulation, In general normal condition, the dosage is 0.2 - 0.5% based on total formulation.

Incorporation

AFCONA-S332 can be added at any stage during the production process. If added during the dispersion process, it speeds up wetting.

Storage

AFCONA-S332 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 180kg non-returnable containers.