

AFCONA - 3232



Chemical Composition

Organically modified polyether polysiloxane.

Product general description

Additive designed as slip and leveling for solvent based coatings.

Product properties

AFCONA – 3232 is the solvent-free version of AFCONA – 3033. AFCONA-3232 is an end modified special polysiloxane. With this modification, it enhances coatings slip performance and surface smoothness. The slip characteristic is dry type, which makes it very suitable for wood coatings and thermoplastic character resins.

It has excellent compatibility properties, making it very suitable for use in clear coatings.

However, good compatibility also comes with more foam stabilizing. Thus for foam sensitive systems, a defoamer like AFCONA – 2020, AFCONA - 2022 and AFCONA - 2045 should be used to eliminate the extra foam generated. However, for normal conventional spray systems, these extra defoamers are not needed.

AFCONA-3232 is recommended for below systems:

- 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&leveling properties for these systems.

Product Specification

Non-volatile matter	≥95% (120°C,0.5h)
Density	1.06 – 1.08 g /cm ³ (20°C)
The refractive index	1.440-1.460 (25°C)
Flash point	>100°C
Gardner color	Max. 3
Appearance	Clear to slightly haze yellowish liquid (25°C)

Addition and dosage

0.05 – 0.50% on total formulation. In general under normal conditions, the dosage is 0.05 – 0.25% based on total formulation.

Incorporation

AFCONA-3232 can be added at any stage during the production process. If added during the dispersion process, it speeds up wetting.

Storage

AFCONA-3232 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.

Packaing

30kg and 210kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.