

AFCONA-3230



Chemical Composition

Special organically modified polysiloxane.

Product general description

A leveling agent designed to achieve the highest possible slip without foam-stabilization issue.

Product Properties

Polyurethane systems that require super slip and cannot tolerate foam-stabilizing effects present a common issue. Most polysiloxane-based additives with good transparency tend to stabilize foam; in the contrary, when they avoid foam stabilization, they often compromise coating clarity.

AFCONA-3230 helps formulators by providing excellent slip, no foam-stabilizing effect and good transparency in polyurethane coatings.

Due to these excellent properties, recommended applications for AFCONA-3230 are:

- 1) Polyurethane wood coating systems, where high slip is always a key performance.
- 2) Polyurethane topcoats for plastic substrates (like mobile phones and other frequently touched items), where a good slip property is critical for user experience.
- 3) Refinish topcoats based on polyurethane chemistry.

Note: AFCONA-3230 may become hazy when stored below 5 °C. It will return to its original state at room temperature without affecting the final product quality.

Product Specification

Non-volatile matter	≥ 93% (120°C,0.5h)
Density	0.95 - 0.99 g/cm ³ (20°C)
Refractive index	1.429 - 1.439 (25°C)
Flash point	>100°C
Appearance	Clear to slightly hazy/ yellowish liquid (25°C)

Addition and dosage

0.05-0.50% on total formulation. Under normal conditions, the dosage is 0.05-0.3% based on total formulation.

Incorporation

AFCONA-3230 can be added at any stage of the production process.

Storage

AFCONA-3230 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 190kg non-returnable containers

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

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.