

AFCONA - 3251



Chemical Composition

Special organically modified polysiloxane.

Product general description

Additive designed to perform the highest slip in all solvent based coating without foam stabilizing property.

Product Properties:

AFCONA-3251 is improve version of AFCONA-3250. It specially developed to further improve the leveling performance.

Most polysiloxane with good transparency stabilize foam, or, when not stabilizing foam affect the transparency of the coating. Thus AFCONA-3251 fulfill all the needs of most paint formulators where it gives very good slip, no foam stabilizing effect and good transparency.

Duo to the excellent properties of AFCONA-3251 is very suitable for use in:

- 1) all wood coatings like NC, Acid curing, PU, and UV. Slip is always one of the most important measurements for wood coatings.
- 2) Top coats in plastic coating applications like mobile phone and those plastic items that frequently touched by our hand. In these applications, slip is very important.
- 3) UV coatings, where it gives very good slip and leveling without influence the clarity of the paint film.
- 4) Refinish topcoat that based on polyurethane.
- 5) In air dry alkyd, it also show very good leveling and high slip performances. The dosage in this system is very low, 0.02%-0.05% on total formulation.
- 6) Other paint systems where high slip is desired.

Note: AFCONA-3251 will become slightly hazy at temperatures below 5°C. This will not influence the quality.

Product Specification

Non-volatile matter	≥95% (120°C, 0.5h)
Density	0.98 – 1.02 g/cm ³ (20°C)
The refractive index	1.425 – 1.445 (25°C)
Flash point	>100°C
Gardner color	Max.4
Appearance	Transparent to slightly yellowish liquid (25°C) it will be a little haze below 5°C

Addition and dosage

0.10 – 0.50% on total formulation. In general under normal conditions, the dosage is 0.05 – 0.30% based on total formulation.

Incorporation

AFCONA-3251 can be added at any stage of production process.

Storage

AFCONA-3251 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 200 kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.