

AFCONA - 3252



Chemical Composition

Polyalkyl modified polysiloxane.

Product general description

Silicone based slip & leveling agent for solvent and aqueous coatings.

Product Properties:

AFCONA – 3252 is 100% active content of polyalkyl modified polysiloxane. It can provide paint film very smooth hand-feel, and help leveling of coating film. AFCONA-3252 gives dry smooth hand-feel, and can be applied in solvent based and aqueous coating systems.

AFCONA-3252 is less foam stability, It has few influence of layer to layer adhesion, even it has been used in repair finishes.

AFCONA-3252 is recommended to all wood paint systems, such as NC, acid curing and PU systems, as well as high temperature baking systems.

AFCONA-3252 also can give good slip and leveling when applied in TPA and NC systems where normal leveling agent gives poor performance.

Product Specification

Non-volatile matter	≥95% (120°C,0.5h)
Density	0.96 – 0.99 g/cm ³ (20°C)
The refractive index	1.405 – 1.425 (25°C)
Flash point	>100°C
Gardner color	Max.4
Appearance	Clear to slight yellowish liquid (25°C)

Addition and dosage

0.1 – 0.5% on total formulation. In general, under normal conditions, the dosage is 0.1 – 0.3% based on total formulation.

Incorporation

AFCONA-3252 can be added at any stage of production process. Shear force is needed when added in processing.

Storage

AFCONA-3252 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 3 years from the date of manufacture. The expiry date is indicated on the container.

Packaging

25kg and 190 kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.