

AFCONA-3702



Chemical Composition

Fluorocarbon-modified polyacrylate polymer.

Product general description

Leveling and flow control agent for solvent-based coatings with excellent anti-crater properties.

Product properties

AFCONA-3702 is a highly fluorocarbon modified polyacrylic polymer with no silicone structure. It drastically reduces the surface tension of solvent-based coatings, acts as an excellent anti-crater and flow control agent in all solvent-based coating systems, and has good compatibility with most solvent-based coatings systems.

The low surface tension of AFCONA-3702 imparts excellent substrate wetting to the coating. It is normally recommended to combine with a silicone-based leveling agent to achieve optimal performance in leveling, anti-crater, and flow control.

AFCONA-3702 is recommended for advanced industrial coatings, especially automotive refinish and original topcoats, to effectively prevent cratering caused by the construction environment.

Product Specification

Non-volatile matter	≥98% (120°C,0.5h)
Density	1.12 - 1.16 g/cm ³ (20°C)
Refractive index	1.455 - 1.475 (25°C)
Gardner color	Max.3
Appearance	Transparent to slightly yellowish viscous liquid (25°C)

Addition and dosage

0.05-0.5% on total formulation. Under normal conditions, the dosage is 0.05-0.3% based on total formulation.

Incorporation

AFCONA-3702 should be incorporated at the end of the batch preparation. Shear force must be applied to ensure homogeneous mixing with the system.

Storage

AFCONA-3702 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

30kg and 220kg non-returnable containers

For product safety information: please take reference of SDS.

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.