

AFCONA - 3702



Chemical Composition

Fluorocarbon modified polyacrylate polymer.

Product general description

Excellent anti-crater and flow control agent for solvent-based coatings.

Product Properties:

AFCONA - 3700 is a highly fluorocarbon containing high molecular weight polyacrylate polymer. Silicone-free. AFCONA-3702 can reduce the surface tension efficiently in solvent based coatings. And it is very effective as an anti-crater and flow control agent for all solvent-based coatings. And it has good compatibility with most of solvent based systems.

Due to the low surface tension, it gives very good substrate wetting. Normally recommended to combine with a silicone based leveling agent to gives optimum performance on leveling, anti-crater as well as flow control.

AFCONA - 3700 is widely used especially in refinish and OEM topcoats as a good prevention for crater formation caused by different environment on application sites.

Product Specification

Non-volatile matter $\geq 98\%$ (120°C, 0.5h)

Density $1,14 \pm 0,02 \text{ g/cm}^3$ (20°C)

The refractive index $1,465 \pm 0,01$ (25°C)

Gardner color Max.3

Appearance Transparent to slight yellowish liquid (25°C)

Addition and dosage

0.05 – 1.00% on total formulation. In general, under normal conditions, the dosage is 0.05 – 0.25% based on total formulation.

Incorporation

AFCONA-3702 should be added at the end of the batch preparation. And shear force is required to make sure well-mixed.

Storage

AFCONA-3702 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

30kg and 220 kg 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.