

AFCONA-3777S



Chemical Composition

Fluorocarbon modified polyacrylate polymer.

Product general description

Anti-crater, substrate wetting and leveling agent for solvent-based coatings.

Product Properties

AFCONA-3777S is a fluorocarbon-modified polyacrylate that serves as a non-silicone leveling agent in systems where silicones are not permitted due to inter-coat adhesion problems. However, we highly recommend using it in combination with a suitable polysiloxane for better overall performance.

Due to its fluorocarbon modification, AFCONA-3777S gives lower surface tension than conventional pure polyacrylic leveling agents, resulting in better anti-crater performance and improved substrate wetting.

The main differences between AFCONA-3777S and AFCONA-3777 are as follows:

- 1) AFCONA-3777S provides significantly better defoaming effect.
- 2) AFCONA-3777 gives better in-can transparency.
- 3) AFCONA-3777S acts more as an efficient defoamer and de-aeration aid.
- 4) Both products do not interfere with intercoat adhesion.

AFCONA-3777S is especially suitable for all solvent-based coatings.

Product Specification

Non-volatile matter	69 - 71% (150°C,0.5h)
Solvent	Xylene
Density	0.96 - 0.99 g/cm ³ (20°C)
Gardner color	Max.3
Flash point	45°C
Appearance	Transparent to slightly yellowish liquid (25°C)

Addition and dosage

0.30-2.00% on total formulation. Under normal conditions, the dosage is 0.30-0.80% based on total formulation.

Incorporation

AFCONA-3777S should be incorporated at the end of the batch preparation.

Storage

AFCONA-3777S 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 200 kg 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.