

AFCONA – 3777S



Chemical Composition

Fluorocarbon modified polyacrylate polymer.

Product general description

Anti-crater, substrate wetting and leveling agent for solvent-based coatings. AFCONA – 3777S has a higher defoaming effect than AFCONA – 3777.

Product Properties:

AFCONA-3777S is better in defoaming than our existing AFCONA – 3777. AFCONA – 3777S is also a fluorocarbon modified polyacrylic. It can serve as non-silicone leveling agent where silicone is not permitted due to inter-coat adhesion problems. However, we highly recommend the use in combination with a suitable Polysiloxane for better overall performance.

However, AFCONA has developed more products based on the same modification as AFCONA – 3777 and AFCONA – 3777S but with improved performances.

Due to the fluorocarbon modification, AFCONA-3777S gives lower surface tension than normal pure polyacrylic leveling agents and therefore it has better anti-crater working as well as substrate wetting.

The main differences of AFCONA – 3777S and AFCONA-3777 as below:

- 1) AFCONA – 3777S has much 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 do not interfere with intercoat Adhesion

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

Product Specification

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

Addition and dosage

0.30 – 2.00% on total formulation. In general, under normal conditions, the dosage is 0.30 – 0.80% based on total formulation.

Incorporation

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

Storage

AFCONA-3777S 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.