

AFCONA - S373



Chemical Composition

Fluorocarbon modified polyacrylate.

Product general description

Leveling and surface tension reduction agent for non-aqueous coatings.

Product Properties:

AFCONA-S373 is an acrylic modified fluorocarbon. It is not silicone leveling agent, and will not cause inter-coat adhesion. However, it is recommended to be incorporated with selected silicone leveling agent to get better and full properties in advanced industrial top-coat.

AFCONA - S373 is a more cost-effective version of AFCONA - 3777 and AFCONA - 3773. The compatibility of AFCONA - S373 is in middle performance. And it has a good balance of leveling, rheology control and defoaming. So it is more generalization.

AFCONA-3773 has the following advantages:

- 1) no inter-coat adhesion problem
- 2) provides de-aeration and defoaming properties;
- 3) improves leveling;
- 4) prevents craters;
- 5) helps substrate wetting.

AFCONA – S373 is suitable for all kinds of solvent based systems. It is recommended for the following applications:

- 1) All baking system for leveling and anti-crater purposes, especially in coil coatings;
- 2) All polyurethane system for leveling, anti-crater and anti-foam purpose;
- 3) Epoxy system for leveling and anti-crater performances.

Product Specification

Non-volatile matter	48 - 52%(150°C,0.5h)
Solvent	Xylene/alkylbenzene
Density	0.93 – 0.95 g/cm ³ (20°C)
Flash point	40°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-S373 should be added at the end of the batch preparation.

Storage

AFCONA-S373 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 190 kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.