

AFCONA-3755



Chemical Composition

Special polyacrylate polymer.

Product general description

Leveling agent with good defoaming properties for solvent-based coatings.

Product Properties

AFCONA-3755 is a special polyacrylic leveling agent. It was designed for applications where both, leveling and defoaming properties are important, such as coil and can coatings. It can also be used in other foam-sensitive systems. As a silicone-free leveling agent, it does not influence the intercoat adhesion, as it may be happen with conventional silicone-based leveling agents.

AFCONA-3755 offers the following advantages:

- 1) Very good initial leveling, also during the wet phase.
- 2) Excellent defoaming and anti-foam properties.
- 3) No negative effect on intercoat adhesion.

Unlike conventional leveling agents that tend to stabilize foam, AFCONA-3755 combines unique leveling properties with effective defoaming performance.

AFCONA-3755 is recommended for:

- 1) Coil and can coatings.
- 2) Improved substrate wetting and anti-crater properties, in combination with AFCONA-3670 or AFCONA-3700.
- 3) All baking systems.
- 4) Matt topcoats and primers for wood coatings.
- 5) Not suitable for clear high-gloss system, as its high defoaming efficiency may cause in-can haziness.

Product Specification

Non-volatile matter	50 - 54% (150°C, 0.5h)
Solvent	Xylene/Diisobutyl-ketone
Density	0.95 - 0.99 g/cm ³ (20°C)
Gardner color	Max.6
Flash point	39°C
Appearance	Transparent to slightly yellow liquid (25°C)

Addition and dosage

0.50-2.00% on total formulation. Under normal conditions, the dosage is 0.50-0.80% based on total formulation.

Incorporation

AFCONA-3755 should be incorporated at the end of the batch preparation.

Storage

AFCONA-3755 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 190 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.