

AFCONA-2505



Chemical Composition

A blend of organically modified polydimethylsiloxane and hydrophobic particles

Product general description

A water-based defoamer with leveling properties for varnish systems and pigment grinding processes.

Product properties

AFCONA-2505 combines effective de-aeration and defoaming with a low tendency to cause craters.

AFCONA-2505 is recommended for:

- 1) Water-based pigment grinding and water-based ink printing processes, due to its excellent high resistance to prolonged, high shear force.
- 2) Water-based polyurethane dispersions and conventional water-based acrylic systems, due to its effective defoaming action.
- 3) Micro foam sensitive systems.

Product Specification

Non-volatile matter	≥96% (120°C, 0.5h)
Density	0.97 - 1.01 g/cm ³ (20°C)
Flash point	>100°C
Appearance	Hazy, slightly yellow liquid (25°C)

Addition and dosage

0.10-1.00% on total formulation. Under normal conditions, the dosage is 0.20-1.00% based on total formulation.

For pigment concentrates: 0.5-1.00%.

Incorporation

AFCONA-2505 can be incorporated during pigment grinding and the initial paint mixing stage. In conventional coating and ink systems, it can also be incorporated at other processing stages.

Storage

AFCONA-2505 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 3 years from the date of manufacturer, if kept in original and unopened container. The expiring date is indicated on the package.

Packaging

25kg and 200kg 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.