

AFCONA - 2505



Chemical Composition

Organically modified polysiloxane.

Product general description

Water based defoamer and anti-foam, especially for micro foams.

Product properties

AFCONA- 2505 is an organically modified polysiloxane which designed to give good defoamer, anti-foam in all water based coating. It has excellent performance against micro foam.

AFCONA – 2505 has below performance and properties:

- 1) It has very good performance in high shear application. Under high shear environment such as long period of grinding, it still can maintain its good defoaming and anti-foam performance. Thus very suitable to use as defoamer in pigment concentration preparation and high speed flexo printing process.
- 2) It is also effective as defoamer in normally coating ranging from PU dispersion to normal acrylic based decorative paint.
- 3) Besides good defoaming and anti-foam properties, it also has excellent performance against micro foams.
- 4) It has low sensitivity against crater formation..

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 | Cloudy, a little bit yellow liquid (25°C) |

Addition and dosage

0.10 – 1.00% on total formulation. In general under normal conditions, the dosage is 0.20 – 1.00% based on total formulation. In pigment paste preparation, normal dosage will be ranging from 0.5 to 1.0%.

Incorporation

AFCONA-2505 can be added at any stage during production process.

Storage

AFCONA-2505 should be stored in a cool and dry place. When kept in an original unopened container, it will keep up for 3 years from the date of manufacture. The expiry date is indicated on the container.

Packaging

25kg and 200kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.