

AFCONA - 2503



Chemical Composition

Organically modified Polysiloxane

Product general description

Water based defoamer and anti-foam with levelling property for high shear application such as pigment concentrate preparation

Product Properties

AFCONA- 2503 is an organically modified polysiloxane which designed to give good defoamer, anti-foam and levelling performances in all water based coating. It has very low sensitivity to formation of craters to the coating.

AFCONA – 2503 have 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 it 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 also effective as defoamer in normally coating ranging from PU dispersion to normal acrylic based decorative paint.
- 3) Beside good defoaming and anti-foam properties, it also has good leveling performance. Most defoaming available in the market will affect the leveling property of a coating and leveling agent will gives more foam formation to the coating. Thus AFCONA 2503 serve as perfect product as it works as defoamer, also gives leveling property.
- 4) Due to the levelling property, it also will not give crater formation to the coating, another perfect performance that most coating formulators dreaming of to have.

Product specification

Active ingredients	> 96%
Density at 20 °C	0.97 - 1.01 g/cm ³
Refractive index	1.430 - 1.440
Flashpoint	> 100°C
Appearance	transparent to slight yellowish liquid

Addition and dosage

0.05 – 1.00% on total formulation. In general under normal conditions, the dosage is 0.05 – 0.25% based on total formulation. In pigment paste preparation, normal dosage will be ranging from 0.5 to 1.0%

Incorporation

AFCONA- 2503 can be added at any stage during the production process.

Storage

AFCONA-2503 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

25 kg and 180 kg non-returnable containers