

# AFCONA - 2502



## Chemical Composition

Modified polysiloxane with fine silica.

## Product general description

Defoamer for water-based applications, which undergo during preparation high shear forces, like: pigment pastes and other high filled or high solid systems.

## Product properties

AFCONA-2502 is a defoamer for water-based applications, based on a modified polysiloxane with fine silica. It is suitable for normal water-based applications, like coatings and inks as well as for pigment concentrate preparations

AFCONA-2502 has a very high resistance to shear forces and temperature. Therefore, it is suitable for pigment concentrates and other high filled and high solid systems.

It is also useful for the synthesis of emulsion polymerization

AFCONA-2502 is recommended for:

- 1) High and low PVC emulsion paints based on pure or modified acrylics
- 2) Water-based pigment concentrates
- 3) Printing inks
- 4) PU dispersions.

Note:AFCONA-2502 will be frozen and damaged below 0°C. Suggested storage temperature between 5-45°C.

## Product Specification

Solvent	Hydrocarbon solvent
Non-volatile matter	80 - 84% (150°C,0.5h)
Flash point	>100°C
Appearance	Slight haze ,colourless to slight yellowish liquid (25°C)

## Addition and dosage

0.1 – 0.5% on total formulation. In general under normal conditions 0.2 – 0.3 is sufficient. For pigment concentrates 0.3 – 0.5 is needed.

## Incorporation

AFCONA-2502 should be added in the mill based. If added in the let down, make sure to incorporate under high shear force.

## Storage

AFCONA-2502 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 180kg non-returnable containers

AFCONA ADDITIVES

Web Site : [www.afcona.com](http://www.afcona.com)

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