

AFCONA - 2022



Chemical Composition

Silicone containing defoaming polymer

Product general description

A strong defoamer but easy to incorporate. Silicone containing version of AFCONA – 2020 which defoaming property is very strong.

Product Properties

AFCONA-2022 prevents the formation of foam and blisters during the manufacturing and application of solvent-based and solvent-free coatings.

AFCONA-2022 is a particularly suitable defoamer that works during production and application, especially in curtain coating processes. When foam causes a problem during packaging, AFCONA – 2022 can be added slowly, while stirring to speed up the bubble breaking process.

Comparing to AFCONA – 2020, AFCONA – 2022 has much better deaeration property due to the present of silicone. However AFCONA – 2020 has better anti-foam performance. AFCONA – 2022 has better in-can transparency than AFCONA 2020.

AFCONA-2022 can be used in:

- 1) two-pack systems based on polyurethane and epoxy resins
- 2) baking paints based on alkyd resins, acrylic and saturated polyesters
- 3) air drying industrial coatings based on long and medium-oil alkyd resins

Product specification

Solvent	Xylene / Methoxy Propyl Acetate / Butyl Acetate / Ethyl Acetate
Density at 20 °C	0.88 - 0.90 g/cm ³
Reflective index	1.455 – 1.465
Flashpoint	19 °C
Appearance	slight yellowish to transparent liquid

Addition and dosage

0.1- 1.0% on total formulation. In general under normal conditions, the dosage is 0.20 – 0.50% based on total formulation.

Incorporation

As a strong defoaming agent, AFCONA-2022 can be incorporated prior to processing. If it added subsequently, good dispersion must be ensured.

Storage

AFCONA – 2022 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 170 kg non-returnable containers