

AFCONA - 2050-100



Chemical Composition

silicone free defoamer.

Product general description

This is a strong defoamer for all solvent-based coatings.

Product properties

AFCONA-2050-100 is a strong defoamer with anti-foam performance, as well as good compatibility in most resin systems except air dry alkyd.

AFCONA-2050-100 is suitable for most solvent-based coatings, printing inks and thermosetting resin systems. It eliminates foam and blistering, regardless whether the air bubbles are caused by the substrate.

As mentioned, AFCONA-2050-100 has very strong defoaming as well as anti-foaming properties. In most cases, the de-aeration property is satisfactory. To improve further the de-aeration performance, a combination with silicone defoamers like: AFCONA-2023 or AFCONA-2045 at 0.1-0.2% is recommended..

Because of solvent-free, AFCONA-2050-100 can be used where low VOC required applications.

Product Specification

Non-volatile matter	≥96% (150°C,0.5h)
Density	0.92 – 0.95 g /cm ³ (20°C)
The refractive index	1.465 – 1.485 (25°C)
Flash point	>100°C
Appearance	Transparent, colourless to slightly yellow viscous liquid (25°C)

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- 2050-100 is recommended to be incorporated prior during pre-mix. If added subsequently, good dispersion must be ensured.

Storage

AFCONA-2050-100 should be stored in a cool and dry place. When kept in an original unopened container, it will keep up for 5 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

This information and all further technical advice are based on our present knowledge and experience. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used. We reserve the right to make any changes according to science and technological progress or further developments.

This version replaces all previous ones.