

AFCONA-2270



Chemical Composition

Silicone-free polymeric defoamer

Product general description

AFCONA-2270 is a solvent free defoamer featuring anti-foam and defoaming actions.

Product Properties

AFCONA-2270 offers rapid defoaming performance in various solvent-borne resin systems, while also offering foam-suppressing auto-leveling effects.

When blended with suitable dispersant, AFCONA-2270 could also help reducing the viscosity of high pigment-load pastes and high-viscosity formulations.

For formulator's reference, AFCONA-5010 (designed for high filler-load systems), AFCONA-5285 (inorganic pigments) and AFCONA-4071 (organic pigments) are ideal dispersant to be used together with AFCONA-2270.

AFCONA-2270 is recommended for:

- 1) UV curing systems, unsaturated polyeter based
- 2) Coil and can coatings
- 3) Epoxy and polyvinyl chloride (PVC) systems

Product Specification

Non-volatile matter	≥96% (120°C, 0.5h)
Density	0.82 - 0.86 g/cm ³ (20°C)
Refractive index	1.465 - 1.475 (25°C)
Flash point	>100°C
Appearance	Colorless to slightly yellow viscous liquid (25°C)

Addition and dosage

0.1-0.7% on total formulation. Under normal conditions, the dosage is 0.2-0.5% based on total formulation.

Incorporation

AFCONA-2270 requires additional shear force to be uniformly incorporated into the system. Good mixing efficiency can enhance the performance of foam suppression and defoaming.

Storage

AFCONA-2270 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 5 years from the date of manufacturer, if kept in original and unopened container. The expiring date is indicated on the package.

Packaging

25kg and 170 kg non-returnable containers

For product safety information: please refer to the product SDS.

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.