

AFCONA-2790



Chemical Composition

Polysiloxane defoamer containing defoaming particles

Product general description

AFCONA-2790 is a polysiloxane defoamer used in solvent-based silk printing ink systems like epoxy, polyurethane, UV-curing and unsaturated polyester based ones.

Product properties

AFCONA-2790 is designed for solvent-based systems where it exhibits strong anti-foam and de-aeration performance. It is also highly effective against micro bubbles.

It is suitable for high viscosity, solvent-based and solvent-free coating and ink systems to prevent foam and remove air bubbles. AFCONA-2790 also displays good influence on leveling properties.

AFCONA-2790 is recommended for:

- 1) Solvent-free and solvent-based two-component epoxy resin systems.
- 2) Solvent-free and thick-film polyurethane systems.
- 3) Solvent-based or solvent-free screen printing ink systems.
- 4) Pigmented paint systems. For varnish systems, compatibility with the resin system must be evaluated, prior to any industrial production.

Product Specification

Non-volatile matter	≥96% (120°C, 0.5h)
Density	0.96 - 1.00 g/cm ³ (20°C)
Flash point	>100°C
Appearance	Slightly hazy liquid (25°C)

Addition and dosage

0.3-1.0% based on total formulation. Under normal conditions, the dosage is 0.5-1.0% for solvent-free system and 0.3-0.8% for solvent-based system based on total formulation.

Incorporation

AFCONA-2790 can be incorporated at any stage of production. After addition, shear force must be applied to ensure homogeneous mixing with the system.

Storage

AFCONA-2790 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 3 years from the date of manufacturer, if kept in original and unopened container. The expiring date is indicated on the package.

Packaging

25kg and 200kg non-returnable containers

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

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.