

Densurf AF 250

Defoamer

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PRODUCT DESCRIPTION

Densurf AF 250 is an organo-modified polydimethylsiloxane defoamer for the industrial applications.

It contains the hydrophobic polymer particles to support defoaming.

APPLICATIONS & KEY FEATURES

Densurf AF 250 is very effective for the defoaming in the medium to high PVC solvent-based system.

The main application areas of the Densurf AF 250 are:

- Floor Coatings
- Protective Coatings
- General Industrial Paints

SOLUBILITY

Water	Aliphatic Hydrocarbons
	
N-Butyl Acetate	N-Butanol
	
Xylene	Methoxy Propyl Acetate
	
	
Soluble	Not Soluble

**Detailed knowledge about the suitable diluents can be asked to the technical support team. The provided diluents are the references according to the most common application areas.

STORAGE

Please store the unopened packaging between 5°C - 35°C. The shelf life is at least 12 months for unopened packagings. Close the packaging cap tightly after use.

WARNING! Keep away from the acids, the heat and the moisture.

SPECIAL NOTES

Densurf AF 250 has an excellent defoaming effect in the high solid systems.

Especially effective in solvent-based primers and epoxy topcoat systems. When used together with Densurf SM 135, it delivers high performance in self-leveling flooring coatings.

TECHNICAL PROPERTIES

- Chemical Structure: Organo-modified polysiloxane
- Appearance: Transparent liquid
- Solid Content (10 mins., 160°C): 35.00 ± 2.00 %
- Ionic Structure: Nonionic
- Density (20°C): 0.89 ± 0.02 g/mL
- Solvent: Hydrocarbon mixtures

SYSTEM

Long Oil Alkyd Resins	Polyester Resins
	
Short Oil Alkyd Resins	Medium Oil Alkyd Resins
	
Epoxy Resins	Thermoplastic Acrylic Resins
	
	
Suitable	Not Suitable

**Detailed knowledge about the compatible systems can be asked to technical support team. The provided systems are the references according to the most common application areas.

DOSAGE

Recommended amount: 0.10 - 1.00 % (by weight as supplied based on the total formulation)

Note: Amounts mentioned above are just a recommendation. Please make laboratory tests to specify the optimum amounts.

PROCESS RECOMMENDATION

The product can be added at any stage of the production.

It is recommended to add 1/2 of the product during pre-mixing and add the remaining at the letdown stage or to the final product.

Well mixing provides homogeneous dispersion of the product in the system and avoids the surface defects.

Mix before use!