

Densurf AF 206

Defoamer

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PRODUCT DESCRIPTION

Densurf AF 206 is an organo-modified polydimethylsiloxane defoamer for the industrial applications.

It contains the hydrophobic particles to support the defoaming.

APPLICATIONS & KEY FEATURES

Densurf AF 206 is very effective for the defoaming in high PVC system.

The main application areas of the Densurf AF 206 are:

- Protective Coatings
- Floor Coatings
- General Industrial Paints

TECHNICAL PROPERTIES

- Chemical Structure: Organo-modified polysiloxane
- Appearance: White to yellow liquid
- Solid Content (10 mins., 160°C): 98.50 ± 1.50 %
- Ionic Structure: Nonionic
- Density (20°C): 1.02 ± 0.02 g/mL

SYSTEM

Water-Based Resins



Short Oil Alkyd Resins



Solvent-Free Epoxy Resins



Polyurethane Resins



Medium Oil Alkyd 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: 0.05 - 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 2/3 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!

SOLUBILITY

Water



N-Butyl Acetate



Xylene



Aliphatic Hydrocarbons



N-Butanol



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 206 has an excellent defoaming effect in the high PVC and the high solid system.

In addition, Densurf AF 206 has a high-performance defoaming effect in composite (epoxy/PU matrix) systems by controlling air bubbles and providing a more compact structure and high surface quality.