

Densurf AF 220

Defoamer

Content Publish Date: 21.05.2026
Content Revision Date: 21.05.2026
Content Revision No : 001

PRODUCT DESCRIPTION

Densurf AF 220 is an organo-modified polydimethylsiloxane defoamer used for the water-based and the solvent-free systems.

APPLICATIONS & KEY FEATURES

Densurf AF 220 is developed for the water-based coatings and paints. It especially works with the wide range of PVC values.

The main application areas of the Densurf AF 220 are:

- Hobby Paints
- Constructional Paints
- Printing Inks
- Water-based adhesive

SOLUBILITY

Water	Butyl Glycol Acetate
N-Butyl Acetate	N-Butanol
Butyl Glycol	Ethanol
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 220 has an excellent defoaming effect in the wide range of PVC values for the water-based systems.

Densurf AF 220 is very effective in defoaming of the micro foams in the printing inks and highly diluted paints.

TECHNICAL PROPERTIES

- Chemical Structure: Organo-modified polysiloxane
- Appearance: Haze liquid
- Solid Content (10 mins., 160°C): 96.50 ± 3.50 %
- Ionic Structure: Nonionic
- Density (20°C): 0.99 ± 0.02 g/mL

SYSTEM

Styrene-Acrylic Emulsions	Pure Acrylic Emulsions
Vinyl-Acrylate Emulsions	Polyurethane Dispersions
Solvent-Free Resins	Resin-Free Grinding
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 - 1.50 % (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!