

DENSURF AF 220

Defoamer

PRODUCT DESCRIPTION






DENSURF AF 220 is a defoamer developed for water-based systems. AF 220 performs efficiently well against micro foams.

- Especially recommended for low-PVC systems
- Contains hydrophobic particles
- Should be incorporated into the system with high shear force

APPLICATIONS

- Architectural Coatings
- Printing Inks

SOLUBILITY

Water		Co-solvent	
 Soluble	 Partly Soluble	 Not Soluble	

STORAGE

- Store between 5°C-35°C.
- The shelf life is at least 24 months in the unopened original packaging from the date of manufacture when stored at recommended conditions.
- Close the packaging cap tightly after use.
- WARNING! Keep away from acids, heat and moisture.

TECHNICAL PROPERTIES

- **Chemical Structure:** Organo-modified polysiloxane
- **Appearance:** Slightly yellowish, blurry liquid
- **Ionic Structure:** Nonionic
- **Density (20°C):** 0.990 ±0.020 g/ml

SYSTEMS

Styrene-Acrylic Emulsion  Acrylic Emulsion 

Emulsified Acrylate & Polyurethane 

 Suitable  Partly Suitable  Not Suitable

DOSAGE

Recommended amount: % 0.05-0.80 (by weight as supplied based on total formulation)

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

PROCESS RECOMMENDATION

- The product can be added at pre-mixing or let-down stages during production.
- Well mixing provides homogeneous dispersion of the product in the system and avoid surface defects.
- It is recommended to add 2/3 of the product during pre-mixing and add remaining at letdown stage or to the final product.