

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	<input type="radio"/>	Co-solvent	<input type="radio"/>
<input checked="" type="radio"/> Soluble	<input type="radio"/> Partly Soluble	<input type="radio"/> 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):** 0.99 ± 0.02 g/mL

SYSTEMS

Styrene-Acrylic Emulsion	<input checked="" type="radio"/>	Acrylic Emulsion	<input checked="" type="radio"/>
Emulsified Acrylate & Polyurethane	<input checked="" type="radio"/>		
<input checked="" type="radio"/> Suitable	<input type="radio"/> Partly Suitable	<input type="radio"/> 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.