

DENSURF AF 100

Defoamer

PRODUCT DESCRIPTION


Densurf AF 100 is a silicone-free defoamer for water-borne coatings.

- Contains hydrophobic particles
- Does not contain any volatile organic compound

APPLICATIONS

- Effective in all systems based on synthetic latex.

SOLUBILITY*

Water		Cosolvent	
Ethylene glycol		Butyl glycol	

 Soluble
  Partly Soluble
  Not Soluble

Since the product is in an emulsion structure, there is dispersion instead of solubility.





STORAGE

- Store between 5°C-35°C.
- The shelf life is at least 12 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 acid, heat and moisture!

TECHNICAL PROPERTIES

- **Chemical Structure:** Compound containing mineral oil and hydrophobic particles
- **Solid Content (10 min., 160 °C):** 99 ±1 %
- **Appearance:** Light yellow, blurry liquid
- **Ionic Structure:** Nonionic
- **Density (20°C):** 0.876 ±0.030 g/ml
- **Viscosity (25°C):** 550 ±450 mPas

SYSTEMS

Emulsion Resins		Water-borne Resins			
	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 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 remaining at letdown stage or to the final product.
- Well mixing provides homogeneous dispersion of the product in the system and avoids surface defects.
- Mix before use!