

# 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):** 99.00 ± 1.00 %
- **Appearance:** Light yellow, blurry liquid
- **Ionic Structure:** Nonionic
- **Density (20°C):** 0.88 ± 0.03 g/mL
- **Viscosity (25°C):** 550.00 ± 450.00 mPa.s

### 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!