

# DENSURF AF 126

## Defoamer

### PRODUCT DESCRIPTION

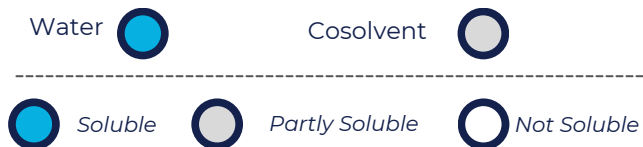
Densurf AF 126 is a defoamer for water-borne coatings. It is effective against micro and macro foams.

- Contains hydrophobic particles
- Works in a wide range of pigment-volume concentration (PVC)
- Does not contain any volatile organic compound

### APPLICATIONS

- Architectural Coatings
- Printing Inks

### SOLUBILITY\*



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! Temperature sensitive emulsion! The product must be checked if the storage temperature stays out of recommended range.
- WARNING! Keep away from acid, heat and moisture!

### TECHNICAL PROPERTIES

- Chemical Structure: Mineral oil and organo-modified silicone emulsion
- Solid Content (10 min., 160 °C): 17.50 ± 1.00 %
- Appearance: White liquid
- Ionic Structure: Nonionic
- Density (20°C): 0.99 ± 0.02 g/mL
- pH: 6.5 ± 1.0
- Viscosity (25°C): 430.00 ± 260.00 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

- Mix before use and avoid high shear forces.
- 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.