

# 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 10°C-40°C.
- The shelf life is at least 6 month 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):** 17.5 ±1.0 %
- **Appearance:** White liquid
- **Ionic Structure:** Nonionic
- **Density (20°C):** 0.994 ±0.020 g/ml
- **pH:** 6.5 ±1.0
- **Viscosity (25°C):** 430 ±260 mPas

### SYSTEMS



### 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.