

# Densurf AF 126

## Defoamer

### PRODUCT DESCRIPTION

Densurf AF 126 is an emulsified mineral oil based defoamer.

It is supported with the polyether-modified polydimethylsiloxane, and contains the hydrophobic particles.

### APPLICATIONS & KEY FEATURES

Densurf AF 126 is developed for the water-based coatings and paints. It especially works with the medium to high PVC systems.

The Main Application Areas of the Densurf AF 126 are:

- Decorative Paints
- Constructional Paints
- Printing Inks

### SOLUBILITY

|                 |                      |
|-----------------|----------------------|
| Water           | Butyl Glycol Acetate |
| —               | —                    |
| N-Butyl Acetate | N-Butanol            |
| —               | —                    |
| Butyl Glycol    | Ethanol              |
| —               | —                    |
| -----           |                      |
| Soluble         |                      |
| Not Soluble     |                      |

\*\*Detailed knowledge about the suitable diluents can be asked to the technical support team. The provided diluents are the references according to the most common application areas.

### STORAGE

Please store the unopened packaging between 5°C - 35°C. The shelf life is at least 12 months for unopened packagings. Close the packaging cap tightly after use.

**WARNING!** Keep away from the acids, the heat and the moisture.

### SPECIAL NOTES

Densurf AF 126 has an excellent defoaming effect in the medium PVC system.

Especially effective in the water-based base paint for the decorative and the constructional paints. Also works well with the water-based printing inks.

### TECHNICAL PROPERTIES

Chemical Structure: Emulsified mineral oil  
Appearance: White liquid  
Solid Content (10 mins., 160°C):  $17.50 \pm 1.00$  %  
Ionic Structure: Nonionic  
Density (20°C):  $0.99 \pm 0.02$  g/mL  
pH:  $6.50 \pm 0.10$

### SYSTEM

|                           |                          |
|---------------------------|--------------------------|
| Styrene-Acrylic Emulsions | Pure Acrylic Emulsions   |
| —                         | —                        |
| Vinyl-Acrylate Emulsions  | Polyurethane Dispersions |
| —                         | —                        |
| Solvent-Based Resins      | Resin-Free Grinding      |
| —                         | —                        |
| -----                     |                          |
| Suitable                  |                          |
| Not Suitable              |                          |

\*\*Detailed knowledge about the compatible systems can be asked to technical support team. The provided systems are the references according to the most common application areas.

### DOSAGE

Recommended amount: 0.05 - 1.50 % (by weight as supplied based on the 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 1/3 of the product during pre-mixing and add the remaining at the letdown stage or to the final product.

Well mixing provides homogeneous dispersion of the product in the system and avoids the surface defects. Mix before use!