

# Densurf SM 135

## Surface Modifier

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### PRODUCT DESCRIPTION

Densurf SM 135 is an organo-modified polydimethylsiloxane surface modifier used for the solvent-based and the solvent-free systems.

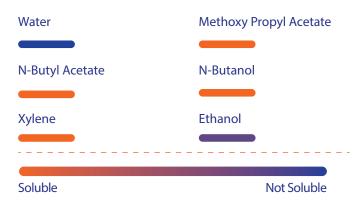
### **APPLICATIONS & KEY FEATURES**

Densurf SM 135 is featured for the high surface tension reduction and good surface levelling. It can contrubute to surface slip effect.

The Main Application Areas of the Densurf SM 135 are:

- **General Industrial Paints**
- **Automotive Paints**
- **Protective Coatings**

#### **SOLUBILITY**



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

## **STORAGE**

Please store the unopened packaging between 5°C - 35°C. The shelf life is at least 60 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 SM 135 has an excellent surface tension reduction effect with an enhanced levelling. It can support the air releasing. Densurf SM 135 has a contrubution to the surface slip effect.

Superior surface properties can be achieved when it is used with the Densurf AF 250 in the epoxy-based primers.

### **TECHNICAL PROPERTIES**

- Chemical Structure: Polyether-modified polysiloxane
- Appearance: Clear silghtly yellow liquid
- Solid Content (10 mins.,  $160^{\circ}$ C):  $15.00 \pm 2.00 \%$
- Ionic Structure: Nonionic
- Density (20°C):  $0.89 \pm 0.02 \text{ g/mL}$
- Solvent: Xylene

#### **SYSTEM**

Short Oil Alkyd Resins Medium Oil Alkyd Resins Long Oil Alkyd Resins Acrylic Poliol Resins Sovent-Based Epoxy Resins Solvent-Free Epoxy Resins

Suitable Not Suitable

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

## **DOSAGE**

Recommended amount: 0.05 - 1.00 % (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

Product can be incorporated during any stage of the production process.

It can be diluted with the suitable solvent. Dilution is recommended to make the dosage easier.

It is recommended to test the foam formation of the product and the overcoat adhesion of the system.

This technical data sheets provide directions for the application instructions of the products. These recommendations are in line with the present state of knowledge and do not provide any guarantee Velimese Organize Sanayi Bölgesi Mah. 259. Sok. No:4/1 Ergene / Tekirdağ / Türkiye | T: +90 (282) 674 54 00 | F: +90 (282) 674 50 01 | info@densurf.com | www.densurf.com | Document No: FR.04-001 Publish Date: 11.03.2022 | Revision Date: 01.03.2025 | Revision No: 001 | Info. Label: Public