

DENSURF SM 135

Surface Modifier

PRODUCT DESCRIPTION

Densurf SM 135 is a surface modifier developed for solvent-based and solvent-free coatings

- Enhances the wetting and spreading of paint by reducing the surface tension of the coating.
- Prevents the surface defects such as Benard cell, crater and orange peel effect.

APPLICATIONS

- General Industrial Coatings
- Automotive Coatings
- Floor Coatings
- Protective Coatings
- Wood Coatings

SOLUBILITY

Water	<input type="radio"/>	Aliphatic Hydrocarbon	<input type="radio"/>
Ethyl Alcohol	<input checked="" type="radio"/>	Butyl Acetate	<input checked="" type="radio"/>
Butyl Alcohol	<input type="radio"/>	Xylene	<input checked="" type="radio"/>
Acetone	<input type="radio"/>	Butyl Glycol	<input type="radio"/>
Butyl Glycol Acetate	<input checked="" type="radio"/>		

Soluble
 Partly Soluble
 Not Soluble

STORAGE

- Store between 5°C - 35°C.
- The shelf life is at least 60 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 acids, heat and moisture.

TECHNICAL PROPERTIES

- Chemical Structure: Polyether modified siloxane solution
- Solid Content (10min., 160 °C): 15.00 ± 2.00 %
- Appearance: Clear light yellow liquid
- Ionic Structure: Non-ionic
- Density (20 °C): 0.89 ± 0.02 g/mL
- Solvent: Xylene

SYSTEMS

Emulsion Resins	<input type="radio"/>	Water-borne Resins	<input type="radio"/>
Solvent-based Resins	<input checked="" type="radio"/>	Solvent-free Resins	<input type="radio"/>

Suitable
 Partly Suitable
 Not Suitable

DOSAGE

Recommended amount; 0.05 - 0.50 % (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 suitable solvent.