

Surface Modifier

PRODUCT DESCRIPTION

DENSURF SM 103 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.
- It is also compatible with water-borne systems.

APPLICATIONS

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

Water Aliphatic Hydrocarbon Ethyl Alcohol Butyl Acetate Butyl Alcohol Xylene Acetone Butyl Glycol Butyl Glycol Acetate Soluble Partly Soluble Not Soluble

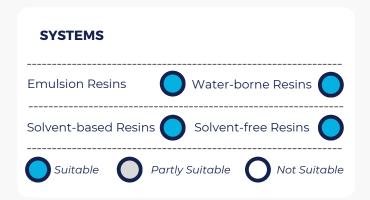
STORAGE

- 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 polysiloxane
- Solid Content(10min., 160 °C): 98 ±2%
- Appearance: Clear/hazy liquid
- Ionic Structure: Non-ionic
- Density (20°C): 1.034 ±0.020 g/ml



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 suitable solvent.
- Dilution is recommended to make dosing easier.
- Recommended to test foam formation of the product in water-borne systems.

