

# DENSURF SM 102

## Surface Modifier

### PRODUCT DESCRIPTION

DENSURF SM 102 is a surface modifier developed for water-based coatings.

- Enhances the wetting and spreading of paint by reducing the surface tension of the coating.
- Prevents the surface defects.

### APPLICATIONS

- Architectural Coatings
- Printing Inks
- Wood Coatings

### SOLUBILITY

Water	<input type="radio"/>	Aliphatic Hydrocarbon	<input type="radio"/>
Ethyl Alcohol	<input checked="" type="radio"/>	Butyl Acetate	<input type="radio"/>
Butyl Alcohol	<input checked="" type="radio"/>	Xylene	<input type="radio"/>
Acetone	<input type="radio"/>	Butyl Glycol	<input type="radio"/>
Butyl Glycol Acetate	<input 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 polydimethylsiloxane
- **Solid Content(10min., 160 °C):** 52.00 ± 2.00 %
- **Appearance:** Clear/yellowish liquid
- **Ionic Structure:** Non-ionic
- **Density (20 °C):** 0.98 ± 0.02 g/mL
- **Solvent:** Dipropylene glycol mono n-butyl ether

### SYSTEMS

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

Suitable   
  Partly Suitable   
  Not Suitable

### DOSAGE

Recommended amount; 0.10 - 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 is preferably incorporated at let-down stage.
- It can be diluted with suitable solvents.