

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 ±2%
- Appearance:** Clear/yellowish liquid
- Ionic Structure:** Non-ionic
- Density (20 °C):** 0.978 ±0.020 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.