

DENSURF DA 415

Dispersing Agent

PRODUCT DESCRIPTION

Densurf DA 415 is developed as a dispersing agent for solvent-based paints and coatings.

- Reduces millbase viscosity and decreases dispersion time .
- Prevents flocculation and sedimentation, helps stabilizing the system.

APPLICATIONS

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

SOLUBILITY

Water	<input type="radio"/>	Aliphatic Hydrocarbon	<input checked="" type="radio"/>
MPA	<input checked="" type="radio"/>	Butyl Acetate	<input checked="" type="radio"/>
Butyl Alcohol	<input checked="" type="radio"/>	Xylene	<input checked="" type="radio"/>
<input checked="" type="radio"/> Soluble	<input type="radio"/> Partly Soluble	<input type="radio"/> Not Soluble	

PROCESS RECOMMENDATION

- The additive should be added into the millbase and premixed in the binder or solvent before the pigment is added.

STORAGE

- Store between 5°C-35°C.
- The shelf life is at least 24 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:** Solution of polycarboxylic acid salts and amine derivatives
- **Solid Content (10 min., 160 °C):** 46 ±1 %
- **Appearance:** Clear Yellow/transparent liquid
- **Density (20 °C):** 0.900 ±0.020 g/ml
- **Acid Value:** 56.5 ±1.5 mg KOH/g
- **Amine Value :** 56.5 ± 1.5 mg KOH/g
- **Solvent:** Hydrocarbon mixture

SYSTEMS

Alkyd	<input checked="" type="radio"/>	Polyester	<input checked="" type="radio"/>
Alkyd-Melamine	<input checked="" type="radio"/>	Acrylic PU	<input checked="" type="radio"/>
Epoxy	<input checked="" type="radio"/>		
<input checked="" type="radio"/> Suitable	<input type="radio"/> Partly Suitable	<input type="radio"/> Not Suitable	

PIGMENTS

Titanium dioxide	<input checked="" type="radio"/>	Inorganic Pigment	<input checked="" type="radio"/>
Carbon Black	<input checked="" type="radio"/>	Organic Pigment	<input checked="" type="radio"/>
Extender	<input checked="" type="radio"/>		
<input checked="" type="radio"/> Suitable	<input type="radio"/> Partly Suitable	<input type="radio"/> Not Suitable	

DOSAGE

Titanium dioxide: 0.5-1.0% (by weight as supplied based on pigment amount)

Inorganic pigments: 0.5-2.0% (by weight as supplied based on pigment amount)

Organic pigments: 2.0-5.0% (by weight as supplied based on pigment amount)

Extenders: 0.5-1.5% (by weight as supplied based on total formulation)

Bentonites: 30.0-50.0% (by weight as supplied based on bentonite amount)

Note: Amounts mentioned above are just a recommendation. Please make laboratory tests to specify the optimum amounts.