

DENSURF DA 202

Dispersing Agent

PRODUCT DESCRIPTION

Densurf DA 202 is developed for dispersion of solvent-based high-build systems.

- Contains surface active compounds.
- Effectively disperses and stabilize inorganic pigments and extenders.
- Can be used as a co-dispersant.

APPLICATIONS

- General Industrial Coatings
- Road Marking Paints

SOLUBILITY

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

Soluble
 Partly Soluble
 Not Soluble

STORAGE

- Store between 5°C - 35°C.
- WARNING! Densurf DA 202 has a crystallization tendency at cold weather (under the 10°C) because of its chemical structure. This will not affect performance of product.
- 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:** Combination of surface active compounds
- **Solid Content (20 mins., 160 °C):** 57.00 ± 2.00 %
- **Appearance:** Opaque Light Yellow liquid
- **Density (20 °C):** 1.08 ± 0.02 g/mL
- **pH(20 °C):** 6.50 ± 1.00
- **Acid Value:** 34.00 ± 3.00 mg KOH/g

SYSTEMS

Long Oil Alkyd	<input type="radio"/>	Polyester	<input type="radio"/>
Short/Medium-Oil Alkyd	<input checked="" type="radio"/>	Nitrocellulose	<input type="radio"/>
Thermoplastic Acrylic	<input type="radio"/>	Acrylic PU	<input type="radio"/>
Epoxy Systems/ Solvented	<input type="radio"/>		
Epoxy Systems / Solvent-free	<input type="radio"/>		

Suitable
 Partly Suitable
 Not Suitable

DOSAGE

Titanium dioxide: 0.50 - 2.00 % (by weight as supplied based on pigment amount)

Inorganic pigments: 5.00 - 10.00 % (by weight as supplied based on pigment amount)

Extenders: 0.30 - 0.80 % (by weight as supplied based on pigment amount)

Co-grinding systems: 0.30 - 1.00 % (by weight as supplied based on pigment amount)

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

PROCESS RECOMMENDATION

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