

DENSURF DA 202

Dispersing Agent

PRODUCT DESCRIPTION








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




- A combination of surface active polymers
- Effectively disperses inorganic pigments and extenders. It also keeps them stable.
- Can be used as a co-dispersant.

APPLICATIONS

- General Industrial Coatings
- Road Marking Paints

SOLUBILITY

Water		Aliphatic Hydrocarbon	
Ethyl Alcohol		Butyl Acetate	
Butyl Alcohol		Xylene	
MPA			

 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 it's 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: Carboxylic acid ester
- Solid Content (20 mins., 160 °C): 57 ±2%
- Appearance: Opaque Light Yellow liquid
- Density (20 °C): 1.080 ±0.020 g/ml
- pH(20 °C): 6.5 ±1
- Acid Value: 34 ±3 mg KOH/g

SYSTEMS

Long Oil Alkyd		Polyester	
Short/Medium-Oil Alkyd		Nitrocellulose	
Thermoplastic Acrylic		Acrylic PU	
Epoxy Systems/ Solvented			
Epoxy Systems / Solvent-free			

 Suitable
  Partly Suitable
  Not Suitable

DOSAGE

Titanium dioxide: 0.5-2.0% (by weight as supplied based on pigment amount)
Inorganic pigments: 5.0-10.0% (by weight as supplied based on pigment amount)
Extenders: 0.3-0.8% (by weight as supplied based on pigment amount)
Co-grinding systems: 0.3-1.0% (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.