

DENSURF DA 420

Dispersing Agent

PRODUCT DESCRIPTION

DENSURF DA 420 is developed for solvent-borne paints and coatings.

- Prevents flocculation with steric effects and keeps the system stable.
- Suitable for both inorganic pigments and fillers.
- Uses for basic phthalocyanine pigments.

TECHNICAL PROPERTIES

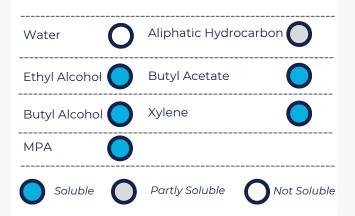
- Chemical Structure: Copolymer of phosphoric acid ester
- Solid Content (5 min., 125°C): 97 ±2%
- Appearance: Yellow/colorless clear liquid
- Density (20°C): 1.140 ±0.020 g/ml
- Viscosity (25 °C): 1000 ±100 mPas
- Acid Value: 160 ±10 mg KOH/g

SYSTEMS	
Long Oil Alkyd	O Polyester
Short/Medium-Oil Alky	Nitrocellulose O
Thermoplastic Acrylic	Acrylic PU
Ероху	•
Suitable	Partly Suitable O Not Suitable
PIGMENTS	
Titanium dioxide	Inorganic Pigment
Carbon Black	Organic Pigment
Extender	•
Suitable	Partly Suitable O Not Suitable

APPLICATIONS

- General Indusrial Coatings
- Protective Coatings

SOLUBILITY



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.

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.

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Our technical data sheets provide directions for the application possibilities of our products. Our recommendations are in line with our present state of knowledge and do not provide any guarantee

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