# **DENSURF DA 416**

## **Dispersing Agent**

#### **PRODUCT DESCRIPTION**

Densurf DA 416 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.
- Enhances gloss.

#### **APPLICATIONS**

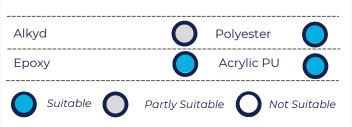
- General Indusrial Coatings ٠
- **Protective Coatings**
- **Decorative Paints**

#### **TECHNICAL PROPERTIES**

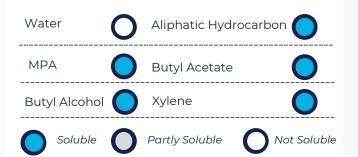
- Chemical Structure: Solution of unsaturated polyamine-amide salts and polyesters with low molecular weight
- Solid Content (10 min., 160 °C): 50 ±1 %
- Appearance: Clear Yellow/transparent liquid
- Density (20°C): 0.940 ±0.020 g/ml
- Acid Value: 24 ± 2 mg KOH/g
- Amine Value: 19 ±3 mg KOH/g
- Solvent: Hydrocarbon mixture

#### **SYSTEMS**

PIGMENTS



#### 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: 0.5-1.0% (by weight as supplied based on pigment amount) Inorganic pigments: 0.2-2.0% (by weight as supplied based on pigment amount) Organic pigments: 2.0-5.0% (by weight as supplied based on pigment amount) Extenders: 0.3-0.8% (by weight as supplied based on pigment amount) 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.

# Powered by **denge**

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# Inorganic Pigment Titanium dioxide Carbon Black **Organic Pigment** \_\_\_\_\_ Extender Suitable Partly Suitable



