# **DENSURF DA 307**



## **Dispersing Agent**

## PRODUCT DESCRIPTION

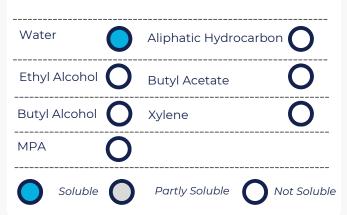
Densurf DA 307 is developed for dispersion of waterbased systems.

- Gives outstanding viscosity reduction with inorganic pigments and fillers.
- Effectively disperses inorganic pigments and extenders. It also keeps them stable via electrostatic repulsion.

#### **APPLICATIONS**

- Constructional paints
- Wood coatings

## SOLUBILITY



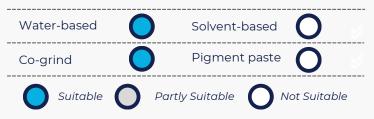
## STORAGE

- Store between 5°C-35°C.
- WARNING! Densurf DA 307 has a crystallization tendency at cold weather(below 10°C). 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: Solution of a sodium salt of an acrylic polymer
- Solid Content (30 min., 160 °C): 48 ±2%
- Appearance: Clear yellow liquid
- Density (20°C): 1.240 ±0.020 g/ml
- pH(20°): 7.5 ±1
- Acid Value: 13.5 ±3.0 mg KOH/g
- Solvent: Water

#### SYSTEMS



## DOSAGE

**Co-grinding systems:** 0.3-3.0% (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 solvent before the pigment is added.
- It is advised to disperse the pigment and fillers at pH between 7.5-9.5.

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