

Densurf DA 307

Wetting Agent

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PRODUCT DESCRIPTION

Densurf DA 307 is a water-based polymeric solution used as a wetting agent.

It supports the dispersion stability with the electrostatic effects.

APPLICATIONS & KEY FEATURES

Densurf DA 307 is highly effective for pigment wetting and helps the viscosity reduction. For titanium dioxide pigment, Densurf DA 307 improves the color properties.

The main application areas of the Densurf DA 307 are:

- Contructional Paints
- General Industrial Paints
- Wood Coatings

SOLUBILITY

Water	Aliphatic Hydrocarbons
Co-Solvents	N-Butanol
Aromatic Hydrocarbons	Ethanol
Soluble	
Not Soluble	

**Detailed knowledge about the suitable diluents can be asked to the technical support team. The provided diluents are the referances according to the most common application areas.

STORAGE

Please store the unopened packaging between 5°C - 35°C. The shelf life is at least 24 months for unopened packagings. Close the packaging cap tightly after use

WARNING! Keep away from the acids, the heat and the moisture.

SPECIAL NOTES

Densurf DA 307 provides effective filler and pigment wetting properties, particularly in water-based base paint systems.

It has an excellent stability maintainince properties for the decorative and constructional paint.

TECHNICAL PROPERTIES

- Chemical Structure: Sodium salt of polyacrylic acid
- Appearance: Clear yellow liquid
- Acid Value: 13.00 ± 3.50 mg KOH/g
- Density (20°C): 1.24 ± 0.02 g/mL
- Solid Content (10 mins., 105°C): 38.00 ± 2.00 %
- Solvent: Water

SYSTEM

Styrene-Acrylic Emulsions	Pure Acrylic Emulsions
Vinyl-Acrylate Emulsions	Polyurethane Disperisons
Solvent-Solvent Free Resins	Resin-Free Grinding
Suitable	Not Suitable

**Detailed knowledge about the compatible systems can be asked to technical support team. The provided systems are the referances according to the most common application areas.

DOSAGE

Titanium dioxide: 0.50 - 2.00 % (by weight as supplied based on the pigment amount)
Inorganic pigments: 5.00 - 10.00 % (by weight as supplied based on the pigment amount)
Extenders: 0.30 - 0.80 % (by weight as supplied based on the pigment amount)
Co-grinding systems: 0.30 - 1.00 % (by weight as supplied based on the pigment amount)

PROCESS RECOMMENDATION

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