

MINERAL PROCESSING

RHEOSPERSE™ S 301



• TYPICAL ANALYSIS

Nature: Acrylic copolymer in aqueous dispersion

Appearance (20°C): White milky liquid

Solids content (%): 30

pH (20°C): 4

Specific gravity (20°C): 1.06

• ADVANTAGES

RHEOSPERSE™ S 301 is a highly pseudo plastic thickener providing high yield value and therefore is an effective viscosity builder for high solids content mineral suspensions. **RHEOSPERSE™ S 301** is a co-additive for aqueous mineral suspension that prevents sedimentation.

RHEOSPERSE™ S 301 is easy to handle.

• APPLICATIONS

RHEOSPERSE™ S 301 should be added slowly to the mineral suspension with good agitation.

Dilution of **RHEOSPERSE™ S 301** with water can facilitate incorporation in the formulation. Optimum viscosity build occurs at or above pH 8.

RHEOSPERSE™ S 301 can be used at a concentration from 0.5% to 1.5% (as it is on dry pigment).

RHEOSPERSE™ S 301 provides a very good stability to mineral suspensions of dolomite and helps to avoid sedimentation for a long period of time.

• STORAGE

RHEOSPERSE™ S 301 should be protected from the effects of weathering and stored between 5 and 40°C.

Once opened, packaging should be resealed immediately after use to prevent emulsion from air drying and forming a film.

In these conditions, products should be used within 6 months after delivery.

Storage tanks should be plastic, fiberglass or stainless.

Pumps for unloading and metering should be low-shear type, such as diaphragm or peristaltic type.

• STANDARD PACKAGING

- 1 000 l containers

• HEALTH & ENVIRONMENTAL DATA

Please refer to the Safety Data Sheet.

Website: www.coatex.com

Disclaimer: Please consult Arkema's disclaimer regarding the use of our products on <http://www.arkema.com/en/products/product-safety/disclaimer/> (2019/09/23)