

Technical data sheet

SC GSTP



Description

SC GSTP is a formulation of cellulosic ethers proposed as an easily dispersible powder. SC GSTP is an efficient viscosifier and fluid loss reducer.

Applications

SC GSTP is the product of choice for:

- D-wall construction, bored pile
- Slurry shield and EPBS tunneling
- Pipe jacking and horizontal directional drilling (HDD)
- All types of drainage works
- Water well drilling, soil sampling

Benefits

- Cost effective as small amount are required
- Easy to use product
- Enhance viscosity and reduce filtrate loss of BENTONIL based mud
- Improve stability of BENTONIL mud in contaminated ground conditions e.g. salts, gypsum...
- SC GSTP based drilling fluids are fully compatible with conventional separation equipment
- Biodegradable
- Friendly to the environment

Physical properties

Appearance	Free flowing powder
Apparent density:	0.6 – 0.7 g/cm ³
pH of 0.2% solution :	7 – 8

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Guidelines for use

▪ **Water based mud systems**

Depending on the application and soil conditions, the dosage range is between 0.5 to 3 kg/ m³ of water. Recommended mixing time on low speed is 5-10 minutes.

▪ **Bentonite based mud systems**

Depending on the technique and soil conditions, the dosage range between 0.2 to 2 kg/ m³ of bentonite suspension. SC GSTP should be added in a pre-hydrated bentonite suspension. Recommended mixing time on low speed is 5-10 minutes.

Packaging

In 25 kg paper bags

Storage

Keep the product in its original closed packaging above 0°C and no longer than 12 months.

Related Documents

MSDS & application sheets available on demand. Contact your CLARIANT technical representative for any further information or references.

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