

QUIMAGEL C-1000P

Additive for drilling

Chemical composition:

QUIMAGEL C-1000P is a product mainly formulated with High viscosity CMC, which ensures excellent properties as a thickener and binder for drilling fluids.

Description:

<p>Quimagel C-1000P is a rheological additive which increases viscosity and provides thixotropy to drilling fluids. This product is commonly used in drilling process.</p> <p>Quimagel C-1000P must be added slowly to water while stirring, until homogeneous mixture in gel form. This gel facilitates drilling tasks and holds the walls of the hole.</p> <p>Quimagel C-1000P is biodegradable. This product can be used alone or in combination with other drilling additives.</p>	PROPERTY	VALUE	UNIT
	Aspect:	Cream powder	
	Density (20°C)	N.A	N.A
	Viscosity (20°C) (2% sol.)	900-1500	cp
	pH Value (20°C) (2% sol.)	6.5-8.5	
	Purity	>98	%

Applications:

QUIMAGEL C-1000P is mainly used to drill granular materials, silt and clay, with very good performance in a basic pH range (pH>5.5). In aqueous solution forms a highly viscous gel whose main applications are:

- **Facilitate drilling effect "lubricant".**
- **Holding and give more stability to the walls of the hole.**
- **Avoid drilling siphoning of confined groundwater levels at very low pressure.**
- **Facilitate the removal of cuttings inside the hole.**
- **Facilitate cooling of the drill or drill bit.**

How to use :

QUIMAGEL C-1000P is directly added to the water for drilling, stirring the mixture until homogeneous. It can be necessary to wait 10-20 minutes until complete hydration.

There is not a specific dosage for this product because it depends on drilling, but normal dosage can be between **0.5- 3%** of total water.

Presentation and storage:

QUIMAGEL C-1000P is provided in sacks of 25 Kg. The product is stable during 8 months in properly storage conditions.