

QUIMAPOL CL-400 Liquid Polymer

Chemical composition:

QUIMAPOL CL-400 is a solution of synthetic cationic polymers used for waste water treatments and sludge dewatering process.

Description:

| <p>Quimapol CL-400 is a liquid synthetic polymer, very easy to add to any bentonite based drilling mud.</p> <p>Quimapol CL-400 must be added while stirring, until homogeneous mixture, achieving quick floc formation and its sedimentation. After this process is possible to separate clean water at the top and mud at the bottom of the tank.</p> <p>Quimapol CL-400 is biodegradable. This product can be used alone or in combination with coagulants.</p> | PROPERTY | VALUE | UNIT |
|--|---------------------------|---------------------|-------------|
| | Aspect: | White liquid | |
| | Density (20°C) | 1.18-1.22 | Kg/l |
| | Viscosity (20°C) | <600 | cp |
| | pH Value (20°C) | 3.0-4.1 | |
| | Effective pH range | 4 - 14 | |

Applications:

QUIMAPOL CL-400 is mainly used as a cationic flocculating agent with very good performance in a wide pH range. The main advantages of this product are:

- **Improvement of drainage in mud dehydration process.**
- **Effective in a wide pH range.**
- **It works alone or in combination with coagulants.**

As it is a polymer, when mixed with water it turns into a high viscous gel which can be used as a drilling fluid.

How to use :

QUIMAPOL CL-400 is directly added to the bentonite drilling mud in the sedimentation tank, stirring the mixture until homogeneous, in order to achieve a full hydration process from the first moment. It can be necessary to wait 10-20 minutes until complete hydration.

There is not a specific dosage for this product, but is recommended **not to exceed 3%** of total water.

Presentation and storage:

QUIMAPOL CL-400 is provided in bottles of 25 litres, drums of 210 litres, and tanks of 1000 litres. The product is stable during 8 months in properly storage conditions.