

VINILMUD P30P

VINILMUD P30P is synthetic totally water-soluble reticulated polymer and it is mainly used for the preparation of stabilizing and lubricating fluids in drilling and civil engineering applications in case of in high permeability soils. The usage of VINILMUD P30P allows to avoid the addition of hydrated bentonite mud to contrast the fluid loss problems frequent in loose soils. The rheological and stabilizing properties of the drilling fluids prepared with VINILMUD P30P are easily to detect during the usage and through easy tests which can also be performed directly on job site.

Appearance	granular solids
Specific Gravity:	1.00-1.01
Density	0,6 – 0,7 g/cm3

In water solutions

MarshViscosity(at 0,05%)	45 – 55 sec
Fluid loss (at 0,05%)	40 ml
MarshViscosity(at 0,1%)	50 – 60 sec
Fluid loss (at 0,1%)	30 ml
MarshViscosity(at 0,2%)	100 – 150 sec
Fluid loss (at 0,2%)	20 ml

PREPARATION

In order to prepare VINILMUD P30P based fluids, it is not necessary to have special equipments as per bentonite based fluids. The complete hydration of the polymer is reached in about half an hour.

DOSAGE

The VINILMUD P30P dosage has to be set according to the required lubricating and stabilizing characteristics and to the geology of the soil. In case of high permeability soils suggested quantity starts at 0,5 Kg of product for one cubic meter of fresh water, and it can be increased up to 2 Kg/m3 in case of open soils.

While using the fluid, it is extremely important to keep the pH level not lower than 10 because in this way there might be a risk of losing all stabilizing and lubricating characteristics of the fluid itself. The way to keep the pH level over the above said value, is to add sodium hydroxide in a quantity of around 20% on polymer weight.

DISPOSAL

After usage VINILMUD P30P muds, before disposal, can be treated with oxidizing agents in order to be sure that any trace of active material has been erased.

The most popular products used for treatment of the vinyl polymer muds, are sodium hypochlorite (bleaching agent) and oxygen peroxide

Information given in this bulletin is based on the state of our knowledge at the date of publication and are believed to be accurate, but do not constitute any engagement or warranty from our part. Buyers and users should make their own assessments under their own conditions and for their own requirements. Information may be changed without any notice. For mandatory characteristics and performance please refer to our Sale Specifications.

