

Construction Technologies Civil Engineering, Drilling & Tunnelling

VINILMUD LT[®]

VINILMUD LT[®] is an environmental friendly polymer which can be used as a mud additive in all the drilling applications. VINILMUD LT[®] is a degradable polymer, completely non toxic and non dangerous for the environment and the users. VINILMUD LT[®] is a manufactured in a modern plant, in which the process is constantly monitored. Moreover, the attention given to raw material choice makes VINILMUD LT[®] completely free of the "EPA listed Priority Pollutants" like the heavy metals (Chromium, Cadmium, Lead, Arsenic, Zinc, etc.) and aromatic compounds (Benzene and this compounds, Toluene, Xylene and their compounds, etc.). The physical form of VINILMUD LT[®] is a white opaque viscous liquid, very easy dispersible in water and completely soluble. In particular, VINILMUD LT[®] is composed by long chain molecules which completely swell in water creating high viscosity.

FORMATION TYPE	VINILMUD LT DOSAGE	MARSH VISCOSITY 1500 / 1000 (s)
Clays	0,9 – 1,5 kg/m ³	35 – 42
Shale	1,5 – 2,1 kg/m ³	40 – 60
Lime and fine sand	1,8 – 2,4 kg/m ³	50 – 75
Coarse sand	2,4 – 3,5 kg/m ³	75 – 120

Preparation

In order to prepare VINILMUD LT[®] based fluids, it is not necessary to have special equipments as for bentonite based fluids. The complete hydration of the polymer is immediate. A volumetric pump is preferable to a centrifuge.

Disposal

After usage VINILMUD P30[®] muds, before disposal, can be treated with oxidizing agents in order to be sure that any trace of active material has been eliminated. The most popular products used for treatment of the vinyl polymer muds, are sodium hypochlorite (bleaching agent) and oxygen peroxide

Storage

Keep the product in a dry place and closed in original packing

Packaging

-Plastic drums , 20 k5 each

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