

TEL-POLYMER (HG)

Viscosifier / fluid loss control / inhibiting hydration of clays

Product Catalog

Product Description

TEL-POLYMER (HG) is a high viscosity type poly-anionic cellulose polymer of high molecular weight.

Applications/ Functions

- Viscosifier and fluid loss control agent in water base mud and protective stabilizing agent of clays.
- Can reducing fluid loss, inhibiting hydration of clays, and forming protective films onto clays.
- Can use water base and seawater base mud.

Advantages

- An effective means of raising viscosity, reducing fluid loss, forming thin and tough mud cakes in both fresh water and salt water mud.
- Inhibits hydration and swelling of clays by foaming films onto them.
- Effective for suspending for Barite.
- Unaffected by Ca^{2+} and Mg^{2+} contaminants, and not subject to bacterial degradation.
- Non-toxic and non-hazardous.

Typical Properties

- | | |
|--------------------------|----------------------|
| • Appearance | White granule powder |
| • Viscosity(1% Solution) | 2,000 ~ 3,000cps |
| • pH | 6.5 ~ 8.0 |
| • Moisture | 10%, maximum |

Recommended Treatment

- Depending on objective of treatment and the type of fluid, the following quantities of Tel-Polymer (HG) are generally used,
- Mix slowly through a jet mixer when add TEL-POLYMER (HG).
 - To increase viscosity 0.1 ~ 0.4%
 - To reduce fluid loss 0.1 ~ 0.3%

Packaging

TEL-POLYMER (HG) is available in 3-ply craft paper with 1-ply polyethylene bag containing 20 kg.

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