

## PRODUCT DATA SHEET

**G310 Fluid Loss Control Additive for Oil Well Cementing****Product Description**

As the aggregated molecule chain of water soluble polymer can decrease the mud cake permeability of mud slurry, G310 introduces multi-functional groups that enhance the ability of anti-high temperature and anti-salt.

**Characteristics**

- Temperature range: 30°C~120°C.
- Salt range: fresh to saturated water.
- Solubility: soluble.
- Dosage: 3~6%(BWOC).
- Good compatibility with other additives.
- Solubility with cement: applicable for any cement classes.
- Stability: free water approach zero.
- Thickening time: thickening curve approach a right-angle.
- Density range: any density of cement slurry system.
- Retarder effect can be controlled by Retarder or early strength accelerator in low and medium temperature.

**Technical Specification**

Appearance	viscous liquid
Initial consistency , Bc	≤30.0
Mutation value of thickening liner,Bc	≤10.0
40Bc~100Bc, time, min	≤40.0
Fluid loss, ml/80°C, 6.9MPa.30min	≤150.0
Free fluid,%	≤1.4
Compression strength, MPa/102°C. Normal pressure. 24h	≥14.0

The ingredients of the cement in the table are: G class cement, W/C: 0.44, water quality: distilled water, Dosage of G310: 5.0% (BWOC).

**Packing, Storage**

- Be stored in 25L plastic barrel, 25kg / plastic barrel.
- Be kept away from moisture and possible damage of the packages at transportation; be stored in cool and dry situation.
- Storage life time is one year.

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