

## PRODUCT DATA SHEET

**G302 Fluid Loss Control Additive for Oil Well Cementing****Product Description**

G302 can control fluid loss though forming tight polymer film and enhancing viscosity of water phase.

**Characteristics**

- G302 consists of water-dissolved macromolecules and other related additives.
- Normal dosage: 0.8%~2.0% (BWOC), controlling API fluid loss at less than 150ml.
- Used in oil wells whose BHCT is between 40°C and 120°C, to be combined with a retarder.
- Has no harmful influence on compression strength.
- It can be mixed without water.

**Technical Specification**

Appearance	Flow ability powder or particles
Water content, %	≤8.0
Fineness (0.315mm sieve), %	≤15.0
Initial consistency, Bc	≤30.0
Thickening linear mutation value, Be	≤10.0
Transition time, min	≤40.0
Free fluid, %/80°C	≤1.4
Fluid loss, ml/80°C, 6.9MPa, 30min	≤150.0
Compression strength, MPa/102°C, 21MPa, 24h	≥14.0

The ingredients of the cement slurry in the table are: G class cement, W/C 0.44, Dosage of G302 1.2% (BWOC) +USZ 0.3% (BWOC), Water quality: distilled water.

**Packing, Storage**

- Be sacked with three-layer plastics bag, 25kg per bag.
- Be kept away from moisture and possible damage of the packages in transportation, and be stored in cool and dry situation.
- Storage life time is two years.