

PRODUCT DATA SHEET

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

G302 can control fluid loss through forming tight polymer film and enhancing viscosity of the aqueous phase.

Characteristics

- G302 consists of water-dissolved macromolecules and other related additives.
- Not toxic, non-brominated.
- Normal dosage: 0.8%~2.0% (BWOC), controlling API fluid loss at less than 150ml.
- Used in oil wells whose BHCT is between 40℃ and 120℃, to be combined with a retarder.
- Has no harmful influence on compression strength.
- Suitable for dry mixing.

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℃	≤1.4
Fluid loss, ml/80℃,6.9MPa,30min	≤150.0
Compression strength, MPa/102℃,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, Slurry density: 1.90±0.01 g/cm³

Packing, Storage

- Packed in woven bag with inner plastic liner or triple composite bag, 25kg per bag.
- During transportation, keep the product protected from moisture and damage to the packaging. Store in a cool, dry place.
- Shelf life: two years.