

PRODUCT DATA SHEET

G307B Early Strength and Anti leaking Fluid Loss Control Additive for Oil Well Cementing

Product Description

G307B Early Strength and Anti leaking Fluid Loss Control Additive for Oil Well Cement belongs to Water-soluble high polymer. Molecular chains get together in the cement slurry, thus to reduce the penetration ratio of slurry cake. In addition, drawing a variety of functional groups into the polymer will enhance the product's dissolution rate and the performance of anti-high-temperature and anti-salt at a low temperature in the cement slurry.

Characteristics

- G307B mainly consists of water-dissolved macromolecules, complex with inorganic early strength agent components and other Crystal expandable materials.
- Normal dosage: 2.0%-3.5% (BWOC).
- G307B can effectively enhance the early strength of cement stone.
- It has the micro-expansion effect, and can effectively compensate for pressure loss caused by the hydration volume reduction, thus effectively preventing the gas-water leaking in the stratum.
- Applicable temperature: 30°C-90°C (BHCT).
- Combined with retarder, can be used in shallow-deep and middle-deep wells.
- Preferred to mix without water.

Technical Specification

Items	Specification
Appearance	Floating powder or particles
Water content, %	≤8.0
Fineness (0.315 mesh), %	≤15.0
Initial consistency. Bc/50°C. 25.9MPa.32min	≤30.0
Mutation value of thickening liner	≤10.0
40Bc~100Bc, time, min	≤40.0
Water loss, ml/50°C. 6.9MPa.30min	≤150.0
Free fluid, %(80°C)	≤1.4
Compression strength, MPa/71°C. 21MPa.24h	≥14.0

The ingredient of the cement slurry in the table is: G class cement, W/C: 0.44; Dosage of G307B: 2.5 % (BWOC), Water quality: distilled water.

Packing, Storage

- Be sacked with three three-layer plastics bag, 25kg per bag.
- Be kept away from moisture and damaged condition of package during transportation, stored in cool and dry place.
- Storage life time is two years.

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