

## PRODUCT DATA SHEET

**G304 Fluid Loss Control Additive for Oil Well Cementing****Product Description**

G304 can achieve the purpose of reducing water loss by forming a dense polymer membrane and enhancing the viscosity of the aqueous phase.

**Characteristics**

- G304 consists of many kinds of additives, such as water-soluble polymer.
- Dosage: 0.8%~2.0% (BWOC).
- G304 has a slight irritating smell.
- G304 has a slight retarding effect.
- Applicable temperature range: 30°C~120°C (BHCT). The adding amount should be increased with the increasing temperature, and together with the necessary retarder to adjust thickening time.
- Its initial consistency is small, and slurry rheology is good.
- It has no adverse effect on the compressive strength.
- It's suitable for dry mixing.

**Technical Specification**

Appearance	Brownish red powder or particles
Water content, %	≤8.0
Fineness (0.315 mesh), %	≤15.0
Initial consistency, Bc/80°C. 46.5MPa.45min	≤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, %(80°C)	≤1.4
Compression strength, MPa/102°C.21MPa.24h	≥14.0

The ingredients of the cement in the table are: G class cement, W/C: 0.44; Dosage of G304: 1.2% (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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