

## PRODUCT DATA SHEET

**G30S Quick-soluble Fluid Loss Control Additive****Product Description**

G30S is copolymerized by the AMPS, low molecular weight amides and so on. It dissolved in water quickly, therefore it can shorten on-site preparation of drugs dissolution time. Polymer molecular chains by reducing bundle concentrating slurry cake permeability. It reduce the slurry cake permeability by the aggregation of high polymer molecular chain.

**Characteristics**

- G30S is polymerized by AMPS, low molecular amide, multi hydroxy carboxylic acid, auxiliary solvent, etc.
- Fine particles, dissolved in water quickly.
- Anti temperature property: 30~160°C.
- Anti salt property: fresh water until saturated brine.
- Filtration property: ≤150ml API FL.
- Generally dosage range: 0.4~0.8% (BWOC).
- Good compatibility with other additives.
- Compatibility with cement: suitable for all levels of oil well cement.
- The cement has good stability, and free liquid approaches zero.
- The cement slurry thickening transition time is short, close to right angle thickening.
- Suitable for low, conventional and high density cement slurry system of dry mixing or wet mixing.

**Technical Specification**

Items	Specification
Appearance	Free flow powder or particles
Moisture, %	≤8.0
Fineness (0.315mm sieve residue), %	≤15.0
Initial consistency, Bc/80°C, 46.5MPa, 45min	≤30.0
Thickening linear mutation value, Bc	≤10.0
Transition time, min	≤40.0
Fluid loss, ml/80°C, 6.9MPa, 30min	≤150.0
Free liquid, %	≤1.4
Compression strength, MPa/102°C, 21MPa, 24h	≥14.0

The ingredient of the cement in the table is: JiaHua G class: cement:800g, tap-water:352ml, Dosage of G30S: 0.8% (BWOC).

**Packing, Storage**

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

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