

## PRODUCT DATA SHEET

**G201 Accelerator for Oil Well Cementing****Product Description**

G201 can accelerate hydrating of  $C_3S$  in cement and change the pH value of water phase to accelerate solidifying of cement and enhance the early strength.

**Characteristics**

- Composed of organic amine and inorganic early-strength materials.
- Normal dosage: 1.0%~4.0% (BWOC).
- Significant increase in the early strength of cement stone, no adverse effect on the later strength increase.
- Suitable for oil/gas wells whose temperature is between 30°C~90°C (BHCT).
- It can effectively shorten the thickening time of cement slurry and improve the early strength of cement stone. Has no obvious thickening effect on cement slurry.
- Slightly thixotropic to cement slurry.

**Technical Specification**

Appearance	Free flowing powder or particles
Fineness (0.315mm sieve),%	≤15.0
Water content, %	≤8.0
Free fluid, ml	≤3.5
Initial consistency, Bc	≤30.0
Thickening time, min/55°C, 27MPa, 20min	≤100.0
Compression strength, MPa/60°C, Normal pressure, 8h	≥11.0

The ingredient of cement slurry in the table is: JiaHua G class cement, W/C: 0.44;  
Water quality: distilled water; Dosage of G201: 1.5% (BWOC).

**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 stored in cool and dry situation.
- Storage life time is two years.