

PRODUCT DATA SHEET

G202 Early Strength Additive for Oil Well Cementing**Product Description**

G202 can change ion concentration to accelerate dissolving of the components while cement hydrating, to speed acting of C_3A and forming of calcium aluminous stone, therefore it can densify the structure of cement and enhance the early strengthening.

Characteristics

- Suitable for oil/gas wells whose temperature is between 28°C~200°C (BHCT).
- Modified from inorganic early-strength materials.
- Normal dosage: 0.8%~1.5% (BWOC), and it is not confined in a particular case.
- No chlorine ion, so it will not corrode the casing.
- Increases early strengthening of cement effectively and has no harmful influence on increasing the strengthening.
- Slight expanding effects can compensate the volume contraction of cement and can thereby improve the cementing quality of cement sheath.
- Suitable for normal and low density cement slurry.
- It can be used in shallow or middle-deep wells.
- It can be mixed without water or with water.

Technical Specification

Appearance	Free flowing powder or particles
Fineness (0.315mm sieve),%	≤15.0
Water content,%	≤8.0
Initial consistency, Bc	≤30.0
Thickening time,min/40°C,19.1MPa,28min	≤Original cement slurry
Compression strength,MPa	12h ≥5.0
	24h ≥14.0

The ingredients of cement slurry in the table are: JiaHua G class cement, W/C: 0.44; Water quality: distilled water; Dosage of G202:1.5% (BWOC).

Packing, Storage

- Packaged with three-layer plastics bag with 25kg.
- To be kept away from moisture, heat and all possible damages of the packaging during transportation must be avoided. To be kept away from sour substances.
- Storage life time is two years.

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