

PRODUCT DATA SHEET

QJ-625 Expanding Additive for Oil Well Cementing**Product Description**

QJ-625 can form slight bubbles which distribute uniformly in cement slurry to compensate pressure decrease which results from jellifying weightlessness and hydrating volume contraction, and enhance cementing strength of cement. Therefore, it can prevent oil, gas and water from migrating efficiently.

Characteristics

- Non-poisonous or non-odor.
- It is compounded by foamer, foam stabilizer and fluid loss control additive.
- Normal dosage: 0.3%~0.6%(BWOC).
- Suitable temperature: 25~150°C.
- It can produce little and well-distributed foam steadily, moreover, the foaming time is controllable.
- No harmful on thickening time, rheological properties and free fluid control of cement slurry. Enhance compression strength obviously.
- Suitable for cement slurry with normal and low density.
- Particularly, it is suitable for boreholes which have irregular or enlarged hole diameter. It can also apply to well control and anti-migration in pressure balanced cementing of deep wells and adjusted wells, as well as cementing wells with high pressure and active oil and gas.
- More ideal expanding result can be achieved by mixing it without water instead of mixing with water.

Technical Specification

Items	Specification
Appearance	No hardened particles or powder
Water content,%	≤8.0
Fineness (0.315mm sieve),%	≤10.0
Initial foaming time(35°C), min	≥40.0
Expansion ratio(75°C),%	≥10.0
Thickening time(75°C,40MPa,40min)	≥Base slurry
Compression strength(93°C,21MPa,8h),MPa	≥10.3

Packing, Storage

- Be sacked with three-layer plastics bag, 25kg per bag.
- Be kept away from acid, alkali and moisture.
- Storage life time is two years.

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