

Fluid Loss SGD-100

SGD-100 This is an effective additive used to reduce the water loss of cement mortars. It reduces the permeability of the suspension due to the aggregation of a water-soluble high-polymer molecular chain. During the manufacturing process, SGD-100 introduces various functional groups into the polymer to enhance the anti-high temperature properties.

Advantages

- SGD-100 is a copolymer of AMPS, a low molecular weight amide.
- Anti-salt properties: fresh water until saturated brine.
- Solubility in water: easily soluble in water.
- Filtration: < 50ml
- Dosage: 0.6 ~ 0.9% (BWOC)
- Temperature: up to 90C
- Good compatibility with other additives.
- Cement compatibility: suitable for all types of cement in an oil well.
- Suitable for cementitious mortars with low, normal and high density.
- It has a slight inhibitory ability.

Technical parameters

Description	Specification
Appearance	White powder
Initial consistency , Bc/60°C,46.5MPa,45min	≤30
Shift time ,min	≤40
Fluid Loss ml/60°C,6.9MPa,30min	≤50
Free liquid,%	≤1.4
Compressive strength, Mpa/82°C,0.1Mpa,24h	≥14

Cement G 800rp + fresh water 352мл, SGD-100: 0.75% (BWOC).

Packing, transportation, handling

- 3-layer 25kg bags or under customer's request
- Keep in closed packing in dry and well ventilated places
- Do not damage packing.
- Shelf time 2 years.

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