

PRODUCT DATA SHEET

GH-6 Middle Temperature Retarder for Oil Well Cementing**Product Description**

GH-6 can stick on the surfaces of cement hydrate to inhibit contacting between cement and water, also stick on the surfaces of crystal nucleons to prevent their enlarging. So it can retard hydrating of cement slurry.

Characteristics

- GH-6 consists of various kinds of compounds, such as gluconate and hydroxycarboxylic acid.
- Non-poisonous, non-odor, and non-corrosivity.
- Normal dosage: 0.06% ~1.0% (BWOC), The amount can be appropriately increasea with the increase of temperature.
- It can reduce the consistency of cement slurry and improve the rheology.
- Retard the thickening time efficiently.
- Generally used in oil wells whose circulate temperature under bore is between 75°C ~115°C.
- GH-6 is sensitive, so the dosage should be accurately measure.

Technical Specification

Items	Specification
Appearance	Colorless transparent liquid
Thickening time,min/80°C.46.5MPa.45min	≥120.0
Initial consistency , Bc	≤30.0
Mutation value of thickening curve,Bc	≤10.0
Thickening time extension value, min	≥60.0
Sensitivity of increase,%	≤25.0
Sensitivity of temperature,%	≤20.0
Transition time,min/80°C.46.5MPa.45min	≤40.0
Free liquid,%	≤1.4
Compression strength, MPa/102°C,21MPa,24h	≥14.0

Packing, Storage

- Be stored in 25L plastic barrels, 25kg/barrel.
- Be kept away from moisture and possible damage of the packages in transportation, be stored in cool and dry situation.
- Storage life time is one year.

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