

PRODUCT DATA SHEET

G303 Fluid Loss Control Additive for Oil Well Cementing**Product Description**

G303 can control fluid loss through forming dense polymer film and enhancing viscosity of the aqueous phase.

Characteristics

- Normal dosage: 0.8%~2.0% (BWOC).
- When temperature increases, the dosage should be appropriately increased, and a necessary retarder should be used to adjust the thickening time.
- Suitable temperature: 30~120°C (BHCT), With the increase of temperature, the dosage should be increased appropriately, and supplemented with necessary retarder to adjust the thickening time.
- Low initial consistency and good rheology.
- No harmful influence on compression strength.
- Suitable for dry blending.

Technical Specification

Appearance	Free-flowing powder or granules, no caking.
Water content, %	≤8.0
Fineness (0.315mm sieve), %	≤15.0
Initial consistency, Bc	≤30.0
Thickening linear mutation value, Bc	≤10.0
Transition time, min	≤40.0
Fluid loss, ml/80°C, 6.9MPa, 30min	≤150.0
Free fluid, %/80°C	≤1.4
Compressive strength, MPa/102°C, 21MPa, 24h	≥14.0

The ingredients of the cement slurry in the table are: G class cement, W/C 0.44, Dosage of G303: 1.8 % (BWOC), Water quality: distilled water.

Packing, Storage

- Packed in woven bag with inner plastic liner or triple composite bag, 25kg per bag.
- During transportation, keep the product protected from moisture and damage to the packaging. Store in a cool, dry place.
- Shelf life: two years.

