



# High Viscosity Bentonite

# S-GEL 30

## 【 Physical Properties 】

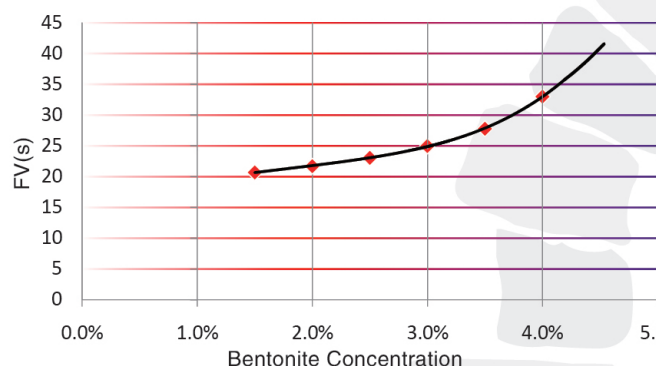
Item	Standard Value
Moisture (%)	12.0 max
Particle size (dry) (%/-63 $\mu$ m)	80.0 min

## 【 Mud Properties 】

VG 600rpm Reading	30.0 min
Fluid Loss (ml/30min.)	20.0 max

※4.5% Dispersion

## 【 Viscosity Properties 】



## 【 Chemical Composition 】

SiO <sub>2</sub>	58.6%
Al <sub>2</sub> O <sub>3</sub>	19.7%
Fe <sub>2</sub> O <sub>3</sub>	4.57%
CaO	2.84%
MgO	2.18%
Na <sub>2</sub> O	2.82%

Values listed are only typical data, not used as strict technical analysis indicators.

## 【 Advantages 】

- Dispersion with low concentration can form high viscosity mud
- Can form mudcake of strong and stable waterproof
- Can be mixed with all kinds of dispersant and polymer
- Can get high viscosity mud and high strength

## 【 Applications 】

- Various drilling projects
- Tunnel protection projects
- Propulsion projects
- Stabilizing solution excavation projects (Diaphragm wall, piling etc.)
- Cement mixing projects
- Firm foundation, various pouring projects

## 【 Package 】

- 25kg Paper bag
- 1,000kg or 1,100kg Jumbo Bag