



High-quality Bentonite

NEO-GEL

【 Physical Properties 】

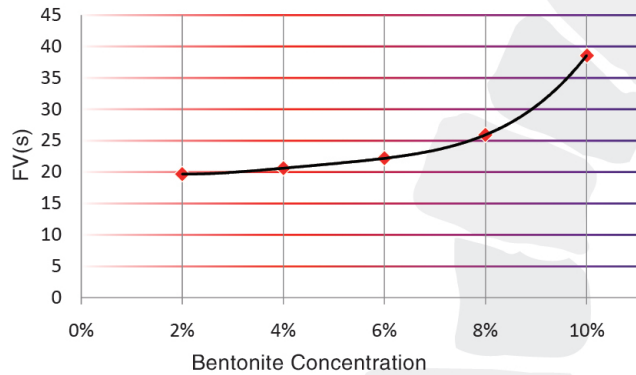
| Item | Standard Value |
|---------------------------------|----------------|
| Moisture (%) | 10.0 max |
| Particle size (dry) (%/-63 μ m) | 80.0 min |

【 Mud Properties 】

| | |
|---------------------------------|----------|
| VG 600rpm Reading ¹⁾ | 15.0 min |
| FV ²⁾ | 30.0 min |

※1) API 13A Section 9 ※2) 8% Dispersion

【 Viscosity Properties 】



【 Chemical Composition 】

| | |
|--------------------------------|-------|
| SiO ₂ | 65.2% |
| Al ₂ O ₃ | 16.2% |
| Fe ₂ O ₃ | 1.83% |
| CaO | 2.17% |
| MgO | 3.33% |
| Na ₂ O | 2.77% |

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 1,100 Jumbo bag