BENTONITE

VISCOSIFIER

INVS 1000 – PRODUCT DATA SHEET

INDUSUN FLUIDS
INDUSUN DRILLING FLUIDS PVT. LTD.

Description

Bentonite is a clay which is composed of three layered clays such as montmorillonite, and is widely used as a mud additive for viscosity and filtration control. Commercial Bentonite ores vary widely in amount and quantity of swelling clays.

Application

Bentonite powder is mainly used to prepare fresh water mud systems. The Bentonite quantity used depends upon the viscosity required to lift the cuttings and the mud system being used.

Advantages

- Fast and simple mixing
- Stabilizes and cleans the bore hole
- Controls drilling fluid loss
- Resists the formation pressure
- Offers high yield, effective and economical

Specifications

S.No.	Parameter	Specification
1	Physical State	Free flowing powder, free from visible impurities
2	Moisture content at 105±2°C, percent by mass	12 (Maximum)
3	Sand Content by Wet Method *Fraction retained on 200 Mesh BSS or equivalent sieve, percent by mass*	2.0 (Maximum)
4	Dry Screen Analysis *Fraction passing through 100 Mesh BSS or equivalent sieve, percent by mass*	98.0 (Minimum)
5	Apparent Viscosity *of 7.5% (w/v) suspension, aged for 24 hrs. at 24±2ºC, Cp*	15 (Minimum)
6	Plastic Viscosity *of 7.5% (w/v) suspension, aged for 24 hrs., cP*	6 (Minimum)
7	Yield Point *of 7.5% (w/v) Suspension, aged for 24 hrs., lbs. /100 sq. ft.*	Yield Point of the suspension not more than four times Plastic Viscosity
8	Filtration Loss *(30 minutes at 100 psi) of 7.5% (w/v) suspension, aged for 24 hrs., ml*	15.0 (Maximum)

Packaging

25 Kgs pre ply kraft paper bag. Customized packaging is available on request.

www.indusunfluids.com +91 (0)99906 98928 admin@indusunfluids.com