

Bentonite (API Section 11) - Oil Well Drilling

Water-base drilling fluid bentonite

DESCRIPTION & APPLICATIONS

- API-(section 11) Bentonite is used to increase viscosity and reduce fluid loss in water base drilling fluids. It is a cost-effective means of achieving viscosity, fluid-loss control and filter-cake quality in freshwater and seawater mud.
- Meets or exceeds API Manufacturing standard.
 - Stabilizes the borehole.
 - Improve hole-cleaning capacity of drilling fluids.
 - Reduce fluid loss into the formation.
 - Is environmentally safe.

TECHNICAL SPECIFICATIONS

Analysis	Result	Ref. Standard	Remarks
Ratio (Y.P/P.V)	4.8	6 MAX.	
Dial reading (600/300 rpm)	34/29 C.P	30 c.p Min	
Plastic viscosity	5		
Yield point	24		
Filter loss (30 min. 6.4% bentonite)	12.0 ml	16 ml Max.	
Yield	17 m³/ton	16 m³/ton	
Wet screen analysis	0.50%	2.5% Max	
Dry screen analysis (100US Mesh)	99.0%	98% min	
Moisture content (105°C)	10-12%	13% max	
pH (5% suspension)	9.5+	9.0+ - 10.0+	

PACKAGING

PACKAGING 25 kg paper sacks and 1 ton jumbo bags.

Note: Reference technical specification. Final supply is subject to the agreed grade and shipment-specific quality documentation.