



MINER

MADENCILIK | NAKLIYAT TICARET LTD. ŞTI.

DRILLING BENTONITE API 13A SEC. 10

DRILLING BENTONITE

Bentonite, which swells significantly when combined with water and forms a viscous mud, is one of the basic components of drilling fluid.

QUALITY

Miner Take Your Drilling to the Next Level with Bentonite !

SUPERIOR FEATURES

- **High Swelling Capacity:** It has a higher swelling capacity than its peers, thus covering the borehole walls and making them stable.
- **Viscosity:** Gives consistency to the drilling fluid.

IMPORTANCE OF DRILLING BENTONITE

- **WELL STABILITY:** Prevents the collapse of the well walls by filling the gaps formed during drilling.
- **FRICTION REDUCTION:** Reduces wear by allowing drilling tools to advance easily.
- **COOLING AND LUBRICATION:** Prevents overheating by cooling the drilling tools and ensures their longer life by lubricating them.
- **CUTTINGS CLEANING:** It keeps the drilling fluid clean by carrying the cuttings particles formed during drilling to the surface.
- **PRESSURE CONTROL:** Prevents undesirable situations such as explosion or leakage by balancing the pressure in the well.

TECHNICAL SPECIFICATIONS

FEATURES	STANDARD	MINERAL VALUE
Pour point/plastic viscosity	Maximum 1.5	1.26
Viscosity when dispersed in water	At least 10 mPa.s	11
Filtrate volume dispersed in water	Maximum 12.5mL	11.6
Sand ratio	Maximum %2,5	<1

OUR PRODUCTS meet TSE 13500 Section 10 and API Sec.10 standards.

PACKAGING

- In 25 kg packaged bags
- 1000 kg big bags (40 pieces x 25 kg)



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