



VALUE BEYOND MINING



BENTONITE FOR CIVIL ENGINEERING



Pilogel

Product Description:

Pilogel is a selectively mined high montmorillonite Sodium Bentonite produced under controlled conditions. Pilogel is a high quality Bentonite with well-balanced rheological properties, designed to fit with all necessities of diaphragm walling, piling, pipe-jacking, tunneling or drilling.

Product Applications:

- High Viscosity helps the piling and directional drilling process
- Good Gel strength also helps in Drilling process
- Low Water Loss
- High Liquid Limit

Advantages :

- Constant and controlled quality
- High trench-stability and productivity
- Improved gelling capability, Provides best lubricity
- Reduced consumption Suitable for all kinds of soil surface
- Good suspension capability

Preparation:

Simply mix with water using an efficient mixer slowly and uniformly to the entire system. Ready to use within 10 min after mixing.

Typical Properties:

| Parameters | Specifications |
|---|----------------|
| Moisture | 10 - 12% |
| pH value with 2% bentonite | 9 - 10.5 |
| Liquid limit | 500 % |
| March funnel viscosity | Min 35 sec |
| Sand content /Grit (wet method on 200 mesh) | < 2.5 % |

(Average values: the product delivered may show slight deviations from the values listed in the Technical information, since it is manufactured from a natural raw material)

Packing:

Pilogel is typically supplied in 1 MT Jumbo bag or 50/25 Kgs Bag.

Storage:

Store in Cool, dry and well ventilated place away from foreign materials.

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Disclaimer

All information contained herein is accurate but subject to variations that can occur in natural minerals and therefore not legally binding. User is responsible for the proper usage of the product.