

Product Information

Modivis 900

Suspension & Gel Strength Enhancer, LSRV

Description: *Modivis 900* is a multifunctional, free-flowing, powdered and easily dispersed biopolymer of high molecular weight. *Modivis 900* enhances the rheological properties of fresh and salt water bentonite muds and provides maximum hole cleaning and cutting suspension for long crossings and extended diameters. Optimum results will be obtained when *Modivis 900* is added to Phrikolat Bentonit Typ W.

Applications: Horizontal Directional Drilling (HDD)
Water Well Drilling
Vertical Drilling
Polymer-Based Drilling Fluids

Properties:

- Excellent shear thinning properties for improved hydraulics
- Mixes easily into pre-hydrated bentonite muds
- Maximum hole cleaning and suspension capacity at LSRV
- Improves the rheological properties of bentonite systems
- Provides filtration control
- Increases water absorption capacity
- Improves Low Shear Rheology of bentonite based muds with minimal increase of High Shear Viscosity
- Improves resistance to contamination in salt water environments
- Can be used for bentonite free drilling fluids

Modivis 900 is compatible with all Phrikolat-Polymers and does not contain any harmful ingredients.

Modivis 900 is subject to bacterial degradation. At certain conditions treatments with a biocide are recommended to prevent fermentation.

Recommended Concentrations as additive to bentonite muds:

Additive to bentonite based muds:	0,5 – 2	kg/m ³
Bentonite free polymer mud:	4 – 6	kg/m ³

Using a high shear jet-type mixer (venturi) is highly recommended. *Modivis 900* should always be added to the system after bentonite. Adding should be done slowly and uniformly to the entire circulating system. Performance reduced at high pH and high Ca⁺⁺ concentration.

Packaging: 10 kg or 25 kg multiple paper-bags on pallet, shrink wrapped, 1000 kg per pallet