

Product Information

Argipol P

Bore Hole Stabilizing Dry Polymer Clay Inhibitor

Description: **Argipol P** is a white, free flowing, dry granular, anionic synthetic polymer containing partially hydrolyzed polyacrylamide/sodiumacrylate Copolymer (PHPA) with a high molecular weight. **Argipol P** is water soluble and disperses and dissolves in fresh water rapidly. Due to its encapsulation mechanism **Argipol P** provides excellent clay inhibition and borehole stability.

Application: Horizontal Directional Drilling (HDD)
Water Well Drilling, Vertical Drilling, Coring, Tunnelling, Mining

Functions:

- Eliminates clay and shale swelling, stabilizes boreholes through a special encapsulation of swellable material.
- Eliminates caving and keeps boreholes open
- Reduces bit balling and sticking
- Viscosifier for solid-free muds
- Produces low torque and high lubricity on drill string
- Reduces erosion damage of circulating mud
- Reduces continuous dispersion of cuttings
- Compatible with KCl / PHPA mud systems
- Non-fermenting

Argipol P can be used as a single component in solid free muds as well as an additive for PHRIKOLAT Bentonit Typ W. **Argipol P** can also be used to stabilize and to stiffen drilling foam. Argipol is also available as a liquid polymer under the product name Argipol F.

Due to degradation Argipol is not suitable for most ground sealing purposes.

Recommended Use: - Added to Bentonit Typ W (clay inhibition): 0,2 – 1 kg/m³
- Solid-free polymer mud: 0,5 - 2 kg/m³

Higher concentration of **Argipol P** may flocculate certain types of bentonite. In bentonite systems **Argipol P** should therefore be added immediately after the preparation of the bentonite suspension.

Check make-up water on pH value (best 8,5-9,5) and water hardness. Before adding **Argipol P** high concentration of Ca⁺⁺ and Mg⁺⁺ ions (>30 °dH) should be eliminated by treatment with soda ash.

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