

PAC-HV

PAC-HV is a high-quality, high molecular weight, high viscosity cellulose polymer that is a white or yellowish powder, non-toxic, tasteless, and soluble in water. It has excellent heat stability, salt resistance, and antibacterial properties. The mud fluid prepared with this product has good fluid loss reduction, inhibition, and high temperature resistance. It is widely used in water-based drilling fluid systems, especially in saline, seawater, and saturated saline drilling fluids, with good loss reduction effects.

1. Features and Advantages:

- 1) High degree of substitution, uniform substitution, high transparency, controllable viscosity and precipitation loss;
- 2) The slurry fluid prepared with PAC can inhibit the dispersion and expansion of clay and shale in high-salt media, thereby controlling wellbore pollution.

2. Technical Parameters

Items	Specifications
Starch or starch derivatives	None
moisture content, %	≤10
Apparent viscosity, mPa·s	≥50
API Filtration loss, mL	≤23

3. Applications

- 1) Suitable for any slurry from fresh water to saturated brine;
- 2) High pulping capacity and significant filtration reduction effect. Especially suitable for low solid mud and solid-free saline mud.

4. Packaging, storage and transportation

The packaging adopts a three-in-one woven bag, the inner layer is a plastic bag, and the inner and outer bag mouths should be sewn firmly. The net mass of each bag (25±0.25) kg, severe collision should be prevented during transportation, and rainproof and moisture-proof measures should be done, and moisture-proof measures should be paid attention to;

Should be stored in a cool and dry place, fireproof, sun protection, product shelf life of two years, if the shelf life, should be re-inspected and qualified before use.

