

# HiVis

## High Viscosity Polymer



### DESCRIPTION

**HiVis** is a readily dispersed powdered polymer suitable for improving core recovery in diamond drilling and in stabilizing reactive shales and clays in all forms of drilling. HiVis also acts as a lubricant, flocculant, and filtration control additive.

### APPLICATIONS

**HiVis** is very effective in stabilizing friable and incompetent formations. In diamond drilling, it forms a protective layer on the sides of the hole and also on the core thus reducing fluid invasion into sensitive formations.

In waterwell applications, HiVis provides good cuttings encapsulation and improved wellbore stability and can be used in freshwater, salt, and KCl mud systems. HiVis functions well in low bentonite mud systems and will provide increased viscosity for improved hole cleaning. At the same time, HiVis will assist removal of drill solids at the surface by flocculation.

### ADVANTAGES

- Soluble in water and mixes easily with moderate shear
- Highly concentrated product, 100% active, reduces freight costs
- Compatible with most drilling polymers, bentonite, and lubricants
- Provides good lubrication
- Controls sticky clays
- Can be used as 'one sack' drilling fluid additive
- Improves core recovery in loose, sandy conditions
- Non-toxic and environmentally acceptable

### TYPICAL PROPERTIES

Physical appearance	White, granular powder
Specific gravity	1.30- 1.40
pH 1% soln	7.7

### USAGE

#### Diamond Drilling

Add 1.0 – 2.5 kg/ 1000 litres water for complete drilling fluid  
Add 0.8 – 1.5 kg/ 1000 litres for improved core recovery and reduced torque and vibration

#### Water Bores

Add 0.5 – 0.8 kg / 1000 litres to improve a bentonite fluid  
Add 1.0 – 1.5 kg / 1000 litres as a complete fluid in smaller diameter bores

### PACKAGING

15 kg pail or disposable cardboard carton