PHPA 100

P1206.9304

WBM Drilling

Product Description

PHPA 100 is a high molecular weight, medium charge, polyacrylamide supplied as a dry granular powder. It has excellent handling characteristics, mixes easily and dissolves quickly when added to water-based fluid systems.

Product Function

PHPA 100 can be used alone or in conjunction with KCl to stabilize active shales by decreasing the shale's tendency to absorb water, swell and slough-off.

Features and Benefits

Apart from the shale dispersion inhibition properties, PHPA 100 will also helps reduce turbulent flow, friction and power losses at points of high shear. It is a cost effective way to generate viscosity in fresh or low salinity drilling fluids with the addition of 0.5 – 1.0 ppb. It's shear thinning capacity assures maximum power at the bit under high shear while retaining excellent carrying capacity under low shear conditions. It can also be utilized for clear water or low solids drilling. The addition of 0.5% solution PHPA 100 into the flow line or just prior to any mechanical separation equipment will greatly enhance the removal of drill solids. It will assist in foam drilling by creating a every stable foam, thereby increasing foam life. This results in enhanced cuttings removal and reduced water requirements. The product is compatible with most commonly used foamers.

Recommended Treatment

Normal dosage rates are between 0.25 – 1.0 ppb as supplied.

International Shipping References

Transportation of PHPA 100 is not restricted by any regulatory agency.

Standard Packing

PHPA 100 is packaged in 25 kg or 50 lbs(net) multi-walled, polyethylene lined paper bags.

Safe Handling Recommendations

Utilize normal precautions for employee protection when handling chemical products. Utilize appropriate respirator, gloves, goggles and apron. Refer to the Material Safety Data Sheet (MSDS) for this product prior to use.

Typical Physical Properties

- Physical State: Solid
- Reservoir Compatible: Non-Reservoir
- Sub Category: Encapsulator
- SG value: 1.1
- Ionic nature: Anionic Anionic
- pH of 0.5% solution @ 25 °C: 6 - 8
- Max Temperature: 300
- Category: Shale Stabilizers
- Product Tier: Regular
- Appearance: White granular powder
- Bulk Density: 0.8 g/cc

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