

EXPL 4004[†]

HIGH MOLECULAR WEIGHT POLYACRYLAMIDE

BENEFITS

- Helps prevent cuttings dispersion and stabilize shale.
- Aids solids removal by flocculation.
- Effective over wide pH range.

APPLICATIONS

- Typically added at 0.5 - 2.0 lb/bbl for most applications.
- Performs in freshwater up to saturated NaCl brine.
- Treating hardness below 400 mg/L improves performance.

PROPERTIES

- Appearance: White - Cream colored liquid.
- Specific Gravity: 1.03 - 1.06
- Freeze Point: < 0°F
- Flash Point: > 200°F

TREATMENT RECOMMENDATIONS

Typical concentrations range between 0.5 to 2.0 lb/bbl for most application. Product additions can be made at flow line for shale inhibition or possum belly for de-watering.

Pilot testing recommended to determine the appropriate concentration for a specific scenario.

PACKAGING AND HANDLING

EXPL 4004 is available in 5 gallon pails. Handle EXPL 4004 as an industrial chemical, wearing protective equipment and observing precautions as described in the Safety Data Sheet (SDS).





AES DRILLING FLUIDS

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