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Technical Data Sheet

GENERAL INFORMATION

POLY GEL is a high-performance drilling mud formulated with specially processed Wyoming Bentonite. It provides rapid mixing, high yield, and superior hole stability for exploration drilling.

PRODUCT APPLICATIONS

Seismic shot holes
Mineral exploration
Water well drilling
Mining operations
Soil testing
Foundation drilling

RECOMMENDED DOSAGES

Mix POLY GEL using pressure agitation (e.g., mud hopper) or stir with the Kelly for optimal results. Its fast-mixing properties allow effective mixing by adding directly through the suction hose.

Drilling Condition	lbs/barrel (42 gal.)	lbs/100 gal.
Normal Drilling	5–10	5–25
Sand, Gravel, and Boulders	10–15	25–40
Blind Holes / Lost Circulation	15–20	30–50

Note: In gravel or blind holes, add small amounts of LIQUID POLY GEL to well-mixed POLY GEL to enhance hole cleaning and reduce mud loss.

PRODUCT BENEFITS

Mixes in one-third the time of standard gels
Uniform mix with no balling or lumping
High yield reduces mud quantity and costs
Enhances sand and gravel removal
Maintains stability in tough drilling conditions
Waterproof packaging minimizes breakage and waste

PACKAGING

Available in 50-pound waterproof multi-wall bags.

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