

## INFORMATION

# POLY-BEN

### BENTONITE EXTENDER/SELECTIVE FLOCCULANT

#### DESCRIPTION

POLY-BEN is an organic polymer designed for use as a bentonite extender and selective flocculant in freshwater drilling muds. POLY-BEN is in free-flowing dry granular or powder form.

#### APPLICATION

POLY-BEN is a superior bentonite extender for both low solids and/or weighted systems. Drilled solids can be selectively flocculated with POLY-BEN and removed from conventional drilling muds without adversely affecting the bentonite in the mud. Penetration rates are improved due to the fact that a minimum amount of colloidal clays are required to build viscosity.

Chemically designed to withstand the higher temperatures (e.g., up to 300° F) associated with deep drilling, POLY-BEN eliminates rapid and unpredictable changes in mud behavior.

#### RECOMMENDED TREATMENT

It is important to note that as a bentonite extender in fresh water muds POLY-BEN outperforms BEN-EX.

The suggested initial treatment of POLY-BEN is between .01 to .03 ppb (.028 to .085 kg/m<sup>3</sup>). A slight addition of SODA ASH (around 1/4 ppb) will increase the efficiency of POLY-BEN.

Treatments of between 0.5 to 1.5 lb of POLY-BEN for each 5 to 10 sacks (100 lb) of bentonite will greatly improve the yield of subsequent additions of bentonite.

#### MISCELLANEOUS

For prices and delivery, contact any Messina office or local representative.

#### PACKAGING

POLY-BEN is packaged in convenient 2 lb bags.

POLY-BEN is a Messina trademark