

PRODUCT DATA

Pro-Yield

Viscosifier

Filtration Control Agent

Description **Pro-Yield** is a dispersible, high molecular weight, biopolymer of xanthan gum. **Pro-Yield** has a high environmental acceptability, and is biodegradable, clay-free and compatible with most mud additives.

Application **Pro-Yield** is used in horizontal directional drilling (HDD), environmental remediation and mining exploration.

Function **Pro-Yield** is used primarily as a viscosifier and rheology control additive. **Pro-Yield** has the unique property of increasing gel strength and yield point, which provides superior suspension and carrying capacity in horizontal applications.

Pro-Yield may be used to enhance bentonite fluids, used in conjunction with other polymers or as a stand-alone fluid system.

Pro-Yield is typically added to bentonite slurries such as *Extra High Yield*[®] or *Tru-Bore*[®] to supplement or enhance cleaning and suspension properties. For this application, use a concentration of 0.5-1.5 lb/100 gal.

Pro-Yield may be mixed with other polymers such as *Pro-Pac* or used alone to provide a clay-free biodegradable drilling fluid. For this application, use a concentration of 1.5-3.0 lb/100 gal.

Mixing **Pro-Yield** is a dry polymer and should be added slowly through a high shear mixer to prevent lumps or fisheyes. **Pro-Yield** should not be added before bentonite, as the yielded **Pro-Yield** will prevent the bentonite from hydrating. **Pro-Yield** may be used in fresh, salt or hard water.



WHMIS: Controlled (see MSDS)

TDG: Not regulated

Packaging: 10 X 2 lb carton

Physical properties and bioassay information are available on request.

