

POLY-XAN

Dispersible Xanthan Gum

POLYMER ADDITIVE

Earth Pro Poly-Xan is a high molecular weight biopolymer of Xanthan Gum. It is used primarily as a viscosifier in fresh water, seawater or saline muds. It also provides a measure of filtration control.

Earth Pro Poly-Xan (in conjunction with an oxygen scavenger) is temperature stable to 150°C. It is stable in a wide pH range and is used in both weighted and unweighted drilling fluids, completion fluids and work over systems.

Earth Pro Poly-Xan is designed to provide viscosity on shallow and medium depth wells where economics demand high performance at a reasonable cost.

Earth Pro Poly-Xan exhibits the rheological property of pseudoplasticity (shear thinning). Small quantities provide high yield points and low plastic viscosities, which provide excellent carrying capacities and high penetration rates.

PHYSICAL PROPERTIES:

Appearance: White-tan powder
Specific Gravity: Not available
Moisture: Not available
Flash Point: Not available

CHEMICAL PROPERTIES:

Type: Xanthan Gum
Solubility: Complete in water
pH: 6.0-8.0 (1% solution)

MIXING & HANDLING

Earth Pro Poly-Xan disperses in water with moderate agitation. Continued mixing provides a smooth viscous fluid. Earth Pro Poly-Xan should be added slowly to the active system to avoid lumping or fish-eyes, which may occur if the polymer is not allowed to properly disperse.

WHMIS: Not controlled
TDG: Not regulated
Packaging: 25kg sack

