



POLY-XAN (Xanthan Gum)

DESCRIPTION

Poly-Xan a high molecular weight biopolymer of Xanthan Gum.

PROPERTIES

Physical		Chemical	
Appearance:	White-tan powder	Type:	Xanthan Gum
Specific Gravity:	Not available	Solubility:	Soluble (water)
Moisture Content:	Not available	pH:	7.0 (1% solution)
Flash Point:	Not applicable	Microtox:	Pending

APPLICATION

Poly-Xan is used primarily as a viscosifier in fresh water, seawater or saline muds. It also provides a measure of filtration control. 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. Poly-Xan is designed to provide viscosity on shallow and medium depth wells where economics demand high performance at a reasonable cost.

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.

MIXING AND HANDLING

Poly-Xan disperses in water with moderate agitation. Continued mixing provides a smooth viscous fluid. 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: 25 kg sack
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