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POLYMAX Polymeric Thinner

Description	<p>POLYMAX is a concentrated aqueous solution of an acrylate copolymer. It functions by adsorbing on aggregated clay particles in the drilling fluid and neutralizing attractive electrostatic charges, thus reducing viscosity and gel strength. It has the following advantages:</p> <ul style="list-style-type: none">- Tolerance to calcium and magnesium contamination- Low toxicity - Thermal stability to 250°C- Functions over a wide pH range- Contributes to fluid loss control								
Principal Uses	<p>POLYMAX is designed for use as a rheological control agent in water based drilling fluids and liquid earth-support systems such as deep trenching performed in geotechnical construction. POLYMAX is used in applications where it is desirable to increase bentonite concentrations in earth-support slurry, backfill slurry, and self-hardening slurry. POLYMAX offers increased divalent metal ion resistance over typical copolymers used as deflocculents, particularly at elevated temperatures. POLYMAX offers the advantage over lignosulfonate products in requiring less dosage, effectiveness in neutral pH, and will delay but not prevent cementitious products from developing a set in high water to cement ratio slurries.</p> <p>POLYMAX will also function as a gel preventer and helps reduce fluid loss in most mud systems at temperatures up to 250°C. Typical dosage 1 - 4 lbs./bbl. for deep drilling and .1 - .5 lbs./bbl. (1.0 to 2.4 lbs./cu yd.) for self-hardening slurry.</p>								
Typical Properties	<table><tr><td>Appearance</td><td>Amber liquid</td></tr><tr><td>Active content</td><td>40% pH 7.0</td></tr><tr><td>Specific gravity</td><td>1.30</td></tr><tr><td>Viscosity</td><td>(Brookfield, 25°C) 600 cp</td></tr></table>	Appearance	Amber liquid	Active content	40% pH 7.0	Specific gravity	1.30	Viscosity	(Brookfield, 25°C) 600 cp
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Packaging	POLYMAX is supplied in kegs, 25 kg net or drums, 270 kg net or totes, 1273 kg net.								
Technical Service	Advice on the laboratory testing and field application of Slurry Engineering, Inc. polymers is given by our technical specialists. They are supported by a complete research, development and customer service laboratory to assist in special applications.								
Health and Safety	Detailed information on handling and any precautions to be observed in the use of the product(s) described in this leaflet can be found in our relevant Health and Safety information sheet.								
Warranty	The information contained in this leaflet is given in good faith but no liability is assumed nor is freedom from any patent owned by others implied. This information should not be taken to represent a specification for the product.								