



HIGHEST PERFORMANCE AT THE LEAST COST

ANIONIZER™

Very low molecular weight dry Polymer

INFORMATION SHEET

Composition	Acrylamide/sodium acrylate copolymer.
Active content	98%
Physical properties	Small white/creamy granules like crystalline sugar. Slight ammonia odor. pH = 8.5 at recommended concentration. Solubility in water : 10% @ 20°C. Bulk density : 0.8 g/cm ³ (34 Lbs/CF).
Proportioning	.04% to .2% by weight of water, depending on water quality and anionicity desired.
Toxicity	None.
Impurities	None.
Packaging	55 Lbs (25 kg) multiply, poly. lined bags.
Storage and Handling	Keep floor area clean : very slippery product when wet.
Spillage	Sweep or vacuum dry powder. Use absorbing materials if wet. Flush spill area with chlorinated water.
Removal from solution	Coagulate with cationic polymer (CLARIFIX, POLYDISP 18)
Fire	Use Carbon Dioxide (CO ₂) foam extinguishers.



ANIONIZER™ APPLICATIONS

ANIONIZER™ is a multipurpose polymer which can be used in most drilling operations in conjunction with other polymers or/and bentonite, from small diameter holes to large drilled piers . Performs well in all fine soils and rock formations as a filtrate loss reducer. Absolutely great for all forms of drilling in clayey soils where low viscosity is preferred.

DIAMOND CORING

Better lubrication, cooling and cleaning of the drill bit will increase bit life.

ROTARY DRILLING

Fast and clean hole drilling(tiebacks, pin piles, piezometers).

DRILLED PIERS

As an additive to bentonite slurry and other polymers.

WATER WELLS

Perfectly safe for water wells with proper breakdown procedures.

ALL DIAMETERS TUNNELING

Great water based slurry additive for good management of plastic clays without viscosity. Anionic polymer preventing the breakdown and solubilization of clay in water.

Soil conditioner for earth pressure balance shield in the slurry form or dispensed as stabilized foam. Increases advance rate in plastic and clayey soils by preventing wheel smear and mucking auger fouling.

SLURRY BLEND: ANIONIZER will blend with mineral colloids such as bentonite to produce a very low filtrate mud with as little as 1% bentonite. This class of slurry is very economical and performs well in cement contaminated soil. Combines well with POLYBLEND-B or PREMIUM to provide blend bentonite/polymer slurries that will pass through fine linear shaker screen.

ANIONIZER IN BRIEF

- Ideal polymer/bentonite blend drilling mud additive
- Filtrate loss reducer for bentonite slurries.
- Provides slurry with anionic charge with little viscosity
- Not a flocculent like most other polymers
- Will maintain properties despite shearing by recirculating pumps
- Very easy to dispose of.
- Harmless to the environment.