

ANCO MEL Y (YELLOW STARCH)

Solutions Through Technology.....

Environmentally Friendly Chemicals

Product Description

ANCO MEL Y is a water soluble corn starch based polymer for reducing the API filtration rate of water based mud.

Typical Application

ANCO MEL Y is an effective additive for reducing the API (low temperature/low pressure) filtration rate of water based fluids. ANCO MEL Y is particularly useful when controlling the filtration rate of fluids having elevated salinity, and/or total hardness, where the efficiency of conventional filtration control additives is much reduced.

Product Advantages

- A cost effective filtration rate control agent.
- Effectively controls filtration rate of weighted & unweighted drilling fluids.
- Tolerates significant concentrations of contaminating ions.

Recommended Treatment

Desired filtration rate can usually be achieved with treatments of 2.0 to 6.0 lbs/bbl of ANCO MEL Y. The product should be added to the circulating system through the chemical hopper or via a prehydration tank. The rate of addition should be controlled to prevent the formation of lumps (fisheyes) of the product.

Handling

Employees should utilize normal precautions when handling chemical products. The use of an appropriate dust mask, safety goggles, gloves and apron are recommended when handling this product. In case of eye contact, flush with clean, fresh water to remove any residual material. Review the Material Safety Data Sheet (MSDS) for this product prior to use.

Storage

Store in a dry area, protected from precipitation and contact with moisture.

Packaging

Supplied in 50 lb (22.7 kg) multi-wall paper sacks.

Typical Chemical and Physical Properties

Bulk density, lb/ft ³	35 - 42
Specific Gravity g/cm ³	1.15
Solubility	Hydrate
Appearance	Yellow powder
Color	Yellow
Odor	Odorless
pH	7.0
Temperature Stability, °F	200