

HT Premium Starch



HT Premium Starch is an extremely modified potato starch designed to reduce drilling mud filtration, stable at high temperatures up to 150°C. The product is also very resistant to fermentation due to cross-linking. HT Premium Starch is an economical alternative to CMC and PAC. HT Premium Starch has been developed for use in filtration control applications where the use of germicides is prohibited and fermentation resistance and high temperature stability are required.

Properties

Appearance	white to gray powder
Bulk density	1010 kg/m ³
pH (pure product)	5.0–8.0
Solubility in water	total
Moisture content	10% max
Viscosity at 600 rpm after heating at 150°C	4% NaCl solution: 40 cps saturated NaCl solution: 40 cps
Filtration after heating at 150°C	4% NaCl solution: max. 10 ml saturated NaCl solution: max. 10 ml

Dosage

Most often, the amount of added product ranges from 10 to 30 kg per 1 m³ of drilling fluid.

Packaging

25 kg bags.