

PF-VIS

Viscosifier

Revised: 2018/6/15

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DESCRIPTION

PF-VIS is a kind of high purity biopolymer. It is produced with special dispersion technology. PF-VIS can obviously improve dispensability and prevent forming insoluble substance. PF-VIS is not easily polluted by solvent ions, applicable in freshwater drilling liquid, saltwater drilling liquid and seawater drilling liquid. PF-VIS has high YP value and LSRV value.

FEATURES

- Biopolymer with no harm to human and environment.
- Excellent ability of improving viscosity, even in the saturated salt-water drilling fluid.
- With high LSRV value, effectively reducing the filtration of the mud and protecting the well wall.
- The interaction of the material in PF-VIS makes it easily to be applied at high temperature ($\leq 140^{\circ}\text{C}$).

APPLICATION

- Directly added into the mud system with stirring
- Suggestion dosage: 0.5-1.0%

PACKAGE

- Packaged in 25 Kg multi—ply paper sack and within waterproof plastic film. Prevent damage to the packing.
- It should be stored in cool, dry and ventilated areas and avoid being exposed to the sun and rain. Shelf life: 24 months.

Specification

Item		Plastic viscosity	Yield point	$\phi 3/\phi 6$	LSRV
Saltwater (or sea water) +0.8%PF-VIS	$25 \pm 1^{\circ}\text{C}$	$\geq 15\text{mPa}\cdot\text{s}$	$\geq 15\text{Pa}$	$\geq 10/12$	$\geq 50000\text{mPa}\cdot\text{s}$
	120°C hot aging 16h	$\geq 9\text{mPa}\cdot\text{s}$	$\geq 7\text{Pa}$	$\geq 6/8$	$\geq 30000\text{mPa}\cdot\text{s}$

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