KIMA CHEMICAL CO.LTD
Add:Zhangdian, Zibo, Shandong, P.R.China
Tel: +86-533-6281218
Email: sales@kimachemical.com
Web: www.kimachemical.com

Product Data Sheet

POLYANIONIC CELLULOSE

PAC-R

Cas No：9004-32-4

PAC-R is a cost-effective additive to reduce API filtration rate of many water based drilling fluids including freshwater, seawater, saturated saltwater and solids-free brines, native mud, flocculated mud, inhibited mud and contaminated systems. PAC R increases and stabilizes viscosity to improve rheology, wellhole cleaning and suspension property by coating and encapsulating cuttings and solids of drilling fluids. PAC R is effective over a wide range of pH environments. It lubricates solids in the system, improve wallcake characteristics and reduces the potential for stuck pipe.

Specifications:

Parameter	**Specifications**
Appearance	Off white to Creamish free flowing powder
Nature of Polymer	Poly Anionic Cellulose
Moisture Content	Max. 10%
PH of 1% Solution	6.0 – 9.0
Solubility	Soluble in fresh water
Filtrate Volume in fresh water base mud slurry	8.00 CC max
Filtrate Volume in Salt Water Base Mud Slurry	26.00 CC max
Thermal stability	>150 Deg C (300 º F)

Application
1.Can provide filtration control in fresh or brackish water-based drilling fluids
2.Can reduce fluid loss without significantly increasing fluid viscosity
3.Can encapsulate shale to prevent swelling and disintegration
4.Can promote borehole stability in water sensitive formations
5.Can minimize rod chatter, rotational torque and circulating pressure
6.Can improve hole cleaning and core recovery
Packing:

Packed in multi-ply paper bags with polyethylene inner layer, containing25 kgs; palletized & shrink wrapped.

Storage:

Store it in a cool, dry place below 30°C and protected against humidity and pressing, since the goods is thermoplastic, storage time should not exceed 36 months.

Safety notes:

The above data is in accordance with our knowledge, but don't absolve the clients carefully checking it all immediately on receipt. To avoid the different formulation and different raw materials, please do more testing before using it.