

Polyacrylate Cellulose (PAC)[®]

Product Description

A high-quality cellulose polymer. It not only effectively controls loss, increases viscosity, stabilizes shale, and reduces filtrate loss, but also offers excellent salt tolerance and thermal stability. It performs effectively in both fresh and saline drilling fluids, making it suitable for a wide range of demanding drilling environments worldwide. The product line includes both low-viscosity PAC (PAC-LV) and high-viscosity PAC (PAC-HV), both of which are manufactured under strict quality control to meet the requirements of international oilfield service companies.

Applications/Features

- High salt tolerance
- Increases drilling fluid viscosity
- Powerful shale control
- Easy to mix and hydrates rapidly
- Effectively controls fluid loss from the drilling fluid with virtually no increase in viscosity

Technical Indicators

Item	PAC-LV	PAC-HV
Appearance	White to Cream Powder	White to Cream Powder
Moisture	≤10%	≤10%
pH Value	6.5–8.5	6.5–8.5
Degree of Substitution	≥0.90	≥0.90
Filtration Reduction	Excellent	Excellent
Viscosity	Low	High
Salt Resistance	Excellent	Excellent
Dosage	2–9 kg/m ³	2–9 kg/m ³

