

PAC-LV is a polyanionic cellulose polymer for water-based drilling fluids. It effectively reduces the filtration rate of many water-based drilling fluids, especially solids-laden fluids, without causing significant increases in viscosity or gel strengths.

Typical Characteristics

Parameter	Specification
Appearance	White free flowing powder
Purity, weight (%)	≥ 98.0
Moisture (%)	≤ 8.0
Specific Gravity	1.5 – 1.7
Particle Size	3% max retained on 25 mesh screen
Bulk Density @ 20°C (kg/m ³)	≥ 550 – 650
pH, 2% solution in distilled water	6.5 – 9.5
Solubility in Water @ 20°C	Dispersible
Brookfield LVT Viscosity @ 20°C (cP) 2% solution in distilled water, 60 rpm, spindle 2	0.05
Apparent Viscosity (cP)	≤ 30
Fluid Loss (mL)	≤ 15

Application

PAC-LV is a high-performing, cost-effective additive to reduce API filtration rate of many water-based drilling fluids and is ideal in low solid muds designed for fast penetration rates. It minimizes mud costs as it is effective at low concentrations.

Packaging and Storage

PAC-LV is packaged in 25 kg or 50 lbs paper sacks.

Store in dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking.

Recommended Handling

All personnel handling this material must handle it as an industrial chemical, wearing protective equipment and observing the precautions as described in the Safety Data Sheet (SDS).

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