

PAC-HV is water-soluble polymer for water-based drilling fluids. It is effective in reducing the filtration rate of many water-based oil and gas drilling fluids. It can also be used to increase and stabilize viscosity to improve hole cleaning and suspension properties in a wide variety of fluid environments.

Typical Characteristics

Parameter	Specification
Appearance	White free flowing powder
Moisture (%)	≤ 8.0
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
Brookfield RVT Viscosity @ 20°C (cP) 2% solution in distilled water, 60 rpm, spindle 2	≥ 1000
Apparent Viscosity (cP)	≥ 35
Fluid Loss (mL)	≤ 25

Application

PAC-HV 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.

Packaging and Storage

PAC-HV 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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