



# Polymeric Inhibitor SHALE 100

## CHEMISTRY

SHALE 100 is a solid-grade medium molecular weight, anionic polymer.

## APPLICATION

SHALE 100 is a viscosity modifier and shale inhibitor that provides excellent cuttings encapsulation, preventing agglomeration and attachment to shaker screens. SHALE 100 limits dilution rates and low gravity solids loading by preventing clay solids from dispersing into the mud system. The product is effective in a wide range of base brines including seawater, saturated NaCl, and CaCl<sub>2</sub>.

## BENEFITS

- Improved cuttings stability
- Better control of mud density
- Increased lubrication of the drill bit
- Reduced solids settlement during shut-in

## TYPICAL PROPERTIES

– Appearance	Off white free flowing powder
– Bulk density	0.7 to 0.8g/cm <sup>3</sup>
– pH (0.5% w/v)	7.5 to 8.5
– Effective pH range	4 to 13
– Brookfield Viscosity	25°C in distilled water
	0.25% w/v      445 Cps
	0.50% w/v      962 Cps

## PACKAGING

SHALE 100 is packed in 25kg or 750 kg bags. 750kg to one pallet and 20 pallets (15,000Kg) to a full container load.

## STORAGE

SHALE 100 can be stored for 12 months if the temperature is stable between 5 and 35°C, away from direct sunlight and moisture.