



PROCOR CHEMICALS, INC.



Technical Data Sheet HP PROFalt

Pkg: 50#/50

DESCRIPTION

HP PROFalt is a proprietary blended resonated lignite, sulphonated asphalt water soluble additive that stabilizes shale formations, conditions mud, controls viscosity, aids in API fluid loss control, and lowers HTHP fluid loss in water and oil based drilling fluids.

TYPICAL PROPERTIES

| | |
|-----------------------------------------------|----------------------------|
| Appearance | Dark brown to black powder |
| Typical Particle Diameter (in microns) | 5-250m |
| Specific gravity, g/cc | 1.2 - 1.5 |
| Solubility in DI water, % | 75 minimum |
| LC 50 (test date 12/10/12) | 1,000,000 ppm |

PERFORMANCE DATA @ 5 PPB

| | BASE MUD | HP PROFalt |
|------------------------|----------|------------|
| Fann 600 | 112 | 111 |
| Fann 300 | 61 | 60 |
| Fann 200 | 43 | 41 |
| Fann 100 | 23 | 22 |
| Fann 6 | 2.5 | 2.5 |
| Fann 3 | 1.5 | 2.0 |
| PV | 51 | 51 |
| YP | 10 | 9 |
| 10 sec gel strength | 3 | 3 |
| 10 min gel strength | 3 | 3 |
| API filtrate, ml | 6.4 | 5.0 |
| HPHT filtrate, ml@275F | 22.4 | 17.2 |

PACKAGING

HP PROFalt is offered in 50lb sx/ 50 sxs per pallet.