

# SULFONATED PHENOLIC RESIN SMP-1/SMP-2

## I. Brief Product Description:

It has the function of reducing high-pressure water loss and good thermal stability, can improve the rheology of drilling fluid, prevent the dispersion of clay hydration, and has certain anti-salt and anti-collapse ability. SMP is good filtration control agent in ultra-deep wells, it can effectively reduce filtration loss.

## II. Product features:

- Temperature resistant 180°C.
- Controls HTHP fluid loss
- High salinity tolerance
- Recommended dosage: 3%-5%.

| ITEMS                           | INDEX                        |       |
|---------------------------------|------------------------------|-------|
|                                 | SMP-1                        | SMP-2 |
| Appearance                      | Brown or light yellow powder |       |
| Water insoluble, %              | ≤10                          | ≤8    |
| Cloud point salinity (Cl-), g/L | ≥100                         | ≥160  |
| AV, mPa.s                       | ≤38                          | ≤50   |
| HTHP FL, mL                     | ≤25                          | ≤35   |

## III. Packaging and Storage:

- 25 kgs Composite packaging bag or as per client's requirements
- Store in dry area. Avoid open fire, strong oxidant, high-temperature
- Period of validity: 12 months