

**PF-SMARTSEAL**

Smart Plugging Agent

Revised: 2018/6/15



**DESCRIPTION**

PF-SMARTSEAL is aluminum salt suffocated polymer complex, characteristics are as follows: when pH is 10 -12, existed form is  $[Al(OH)_4]^-$ ; when pH is 5 - 6, generate precipitation of  $Al(OH)_3$ , reduce the mud shale permeability and pore pressure transmission speed slow

**APPLICATION**

- Applicable temperature:  $\leq 150^{\circ}C$  (BHCT)
- Suggestion dosage: 1%-3%

**PACKAGE**

- Packaged in 25 Kg multi—ply paper sack and within waterproof plastic film. Or based on customers' request.
- It should be stored in cool, dry and ventilated areas and avoid being exposed to the sun and rain. Shelf life: 24 months.

**Specification**

Appearance	Scale like black particle
pH	11-13
Solubility, %(20% NaCl Solution)	$\geq 90$
Al-complex content, %	35-45
FL API, mL	$\leq 15$

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