

**PF-GRA****The Modified Graphite**

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**COSL**中海油田服务股份有限公司  
China Oilfield Services Limited

## DESCRIPTION

PF-GRA is a product kind of modified graphite to decrease torque, to improve the lubricity of drilling additives and filter cakes, to prevent jamming of drilling tools

## FEATURES

- Excellent performance of reducing friction between drilling tools and hard formation(the same to casing pipes or other tools).
- Good compatibility with drilling fluid system, efficiently adjust the rheology and fluid loss of drilling fluid.

## APPLICATION

- Applicable temperature: 180°C(BHCT)
- Suggestion dosage:2.0 ~ 3.0%

## PACKAGE

- Packaged in 25 Kg multi—ply paper sack and within waterproof plastic film. Or based on custom's request.
- It should be stored in ventilated, cool, and dry areas. Avoid being exposed to the sun and rain. Shelf life: 12 months.

### Specification

Appearance	Dark grey particles
Fluorescence grade	5
Sieve residue, %	10
Reduce rate of friction, %	≥70

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