



# 河南省新乡市第七化工有限公司

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## Organic Lignite ORL-P1

### 1. Property

ORL-P1 is organic lignite. It is used to reduce the HTHP FL in the oil based mud. It helps to promote emulsification of the reverse emulsion and improve emulsion's stability, particularly used in deep wells with high temperature.

ORL-P1 is amine-treated lignite. Its toxicity is very low. If note operation, it doesn't cause problems for the operator's health and the surrounding environment.

### 2. Quality index

#### Physical properties

Appearance	Black free flowing powder
Smell	No particularly and strong smell
Particle size (Screen margin of 80 mesh sieve), %	≤5.0
Moisture%	≤10.0
Water-soluble	Insoluble
Oil-soluble(Mineral oil)	Highly fragmented, slight swelling
Bulk Density	(Loose-like) about 600kg/m <sup>3</sup>
	(Compacted form) about 810kg/m <sup>3</sup>

#### Mud Performance Indicators (After hot rolling)

R6(Fann viscosimeter, 6 rev / min readings)	Higher than that of based mud
YP(Yield point)	Higher than that of based mud
ES(emulsion sabotage)	Higher than that of based mud
HTHP FL, %	≥30.0

### 3. Storage & Package

25Kg net sealed in 4-in-1 compound paper bag with plastic lining during storage and transport see that the bag is intact.