



河南省新乡市第七化工有限公司

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Partially Hydrolyzed Polyacrylamide PHPA

1. Property

PHPA is a partially hydrolysed co-polymer of acrylamide of high molecular weight. It is used in low solids and clear water drilling fluids.

2. Quality Indexes

Item	Indexes
Appearance	White Granule solid
Solid content, %	≥85.0
Ionic Character	Anionic
Molecular weight(million)	18.0-22.0
Charge density	25.0-30.0
PH range	6.0-8.0

3. Use

- PHPA is effective in fresh and salt water drilling fluids, minimizing the build up of solids in drilling fluids.
- Also it is effectively prevents clay and shale problem such as welling, sloughing, bit balling and mud rings.
- Prevents dispersion and swelling shales and clays by way of encapsulation.
- Promotes more effective removal of solids at the rig shale shaker, thereby minimizing drilled solids build up.
- Promotes rapid settling of cuttings in settling pits.

4. Packing

25KG or 50LB net sealed in 4-in-1 compound paper bag with plastic lining during storage and transport see that the bag is intact.