



## PHPA - PARTIAL HYDROLIZED POLYACRYLAMIDE

### DESCRIPTION

This product is white or light yellow powder, and formed by acrylic amide. It is a highly effective encapsulator. It can control shale hydration and enhance mud viscosity of drilling fluid, and has good water solubility.

### PROPERTIES

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	Apparent Viscosity, mPa.s	Fluid loss, mL
Mud <i>Base mud</i> <i>Base mud+0.2% Sample</i>	5 + 1 ^18	22 +/- 2 <10
Appearance	white free-flowing powder or granules	
Moisture, %	^12.0	
Residue, (0.9 mm), %	^10.0	
Apparent Viscosity Reservation Rate, %	^60.0	
Molecular Weight, Thousand	^6'000	
Residue Monomer Content, %	^0.5	

### USAGE AND DOSAGES

This product can be added into all types of water based drilling fluid directly being used as the encapsulator, and has good compatibility with many kinds of drilling fluid treatment agents.

Suggested dosage is 0.1-0.3%.

### SAFETY

Avoid contacting eyes, skin and clothes. Otherwise, wash with a flush of water. Please refer to Material Safety Data Sheet (MSDS) for safe handling and hazard data.

### ORIGIN

China

### PACKAGING AND STORAGE

25 kg net multi-wall bags with inner polythene layer, without pallets,  
20.000 kg/FCL

The product should be kept in shady, dry and ventilated warehouse.

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