

TECHNICAL DATA SHEET

SOPOCHEM PHPA COUNTRY OF ORIGIN: CHINA

SOPOCHEM PHPA is partially hydrolysed polyacrylamide (PHPA). SOPOCHEM PHPA is a water soluble polymer. Polyacrylamide provides viscosity, thixotropic behaviour and fluid loss Interactions between the polymer molecules increase drilling mud viscosity in proportion to the molecular weight (MW). PHPA polymers can be used in fresh water, sea water, NaCl and KCl system.

PARAMETER		STANDARD VALUE
Appearance		White-Yellow powder
Mud properties	Base mud	
	Apparent Viscosity, mPas	5+/-1
	Fluid loss, mL	12-15
	Base mud + 0,2% Sample PHPA	
	Apparent Viscosity, mPas	≥18
	Fluid loss, mL	≤10
Moisture, %		≤12
Residue (0,9mm), %		≤10
Apparent Viscosity reservation rate, %		≥60
Molecular Weight, thousand		≥6000
Residue Monomer content, %		≤0,5

Application: SOPOCHEM PHPA is used for stability all types of water based drilling fluid as encapsulator and has good compatibility with many kinds of drilling fluid treatment agents. Suggested dosage is 0,1 - 0,3%.

Packing: Paper bags with PE line, net weight 25kgs

Storage: stored in ventilated, clean, dry and cool place, without mixing with toxic, harmful or corrosive substances.

Shelf Life: 24 months in above mentioned conditions.