

PHPA POLYMER CONCENTRATION TEST KIT

Mud systems with Partially Hydrolyzed Polyacrylamide (PHPA) Polymer are used worldwide and have proved effective and versatile for inhibiting troublesome shale formations.



The PHPA Polymer concentration Test Kit selectively determines the concentration of PHPA (partially hydrolyzed Polyacrylamide) through a simple analytical field test utilizing a Kjeldahl procedure, modified by Fann. As hydrolysis of the polymer occurs, ammonia is released and collected on boric acid. This mixture is titrated and the titration end point is related to the polymer concentration of the sample fluid. All equipment, glassware, and reagents are included in a rugged, lightweight plastic carrying case.

Included Items

Hardware	
206555	Erlenmeyer Flask 125ml (4)
207560	Sample Cup, Stainless Steel
209044	Generator Tube (5)
209045	Collection Tube (5)
205245	Boiling Stones 250 grams
205247	Hot Plate, 115 Volt AC, Max Temp 371°C
205248	Rubber Stopper w/2 Holes (5)
205249	Rubber Stopper w/1-5mm Hole (5)
205623	Tubing Tygon ¼" X 1/16"
205868	Graduated Cylinder, 25ml TC
205898	Syringe, Plastic, 10cc (2)
205997	Magnetic Stirrer, Battery Operated
206000	Stirring Bar, Magnetic 3/8" X 1" (2)
206028	Pipette, 5 ml, Serological
206029	Pipette, 10ml, Serological
Reagents	
206666	Sodium Hydroxide, 8N 4oz
209835	Defoamer, 8oz
209863	Sulfuric Acid, N/50 8oz
209878	Boric Acid, 2% by volume, 16oz
209891	Bromcresol Green Methyl Red Indicator, 4oz
209945	Distilled Water, 16oz (2)

Order Part No. 208769

*Fann Instrument Company offers a complete line of instruments for use in testing drilling fluids in accordance with the following American Petroleum Institute publications:
API Recommended Practice 13B-1, ANSI/API 13B-1/ISO 10414-1,
API Recommended Practice 13B-2, & API Specification 13A*