

# WETCHEM POLYALUMINIUM CHLORIDE (PAC) (#27)

## DESCRIPTION

Polyaluminium Chloride acts as a coagulant agent. The effectiveness of aluminium coagulants primarily arises from their ability to form multi-charged polynuclear complexes with enhanced adsorption characteristics.

## APPLICATION PROCEDURE

1. Fill the chemical tank about half (1/2) full with portable water
2. Start the mixer
3. Turn on the water valve and slowly pour the 10 kg #27 into the chemical tank until the solution reaches the required level
4. Agitate the solution for 30 minutes or until the #27 is completely dissolved



PAC Powder

## CHEMICAL COMPOSITION

Aluminium Oxide	29%
Ferric Oxide	1 - 2%
Basicity	40 - 90%

## TECHNICAL PROPERTIES

Density	Approx. 659 kg/m <sup>3</sup>
pH	2 - 4 (10% of aq. Solution)
Form	Powder
Solubility	Soluble in Water



Packaging: 10 kg/bucket

## CHEMICAL CONSUMPTION RATE (L/H) (10KG PAFC IN 500L WATER)

SS (ppm)	Flow Rate (m <sup>3</sup> /h)				
	10	20	40	60	80
2,000	3.33	6.67	13.33	20.00	26.67
3,000	3.33	6.67	13.33	20.00	26.67
4,000	3.33	6.67	13.33	20.00	26.67
5,000	6.67	13.33	26.67	40.00	53.33
6,000	6.67	13.33	26.67	40.00	53.33
10,000	10.00	20.00	33.33	60.00	80.00