

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 Potable 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

CHEMICAL COMPOSITION

- Aluminium Oxider $\geq 29\%$
- Fe $\leq 0.2\%$
- Basicity **45 - 90**

TECHNICAL PROPERTIES

- Density **Approx. 659 kg/m³**
- pH **2 - 4 (10% of aq. Solution)**
- Form **White Powder**
- Solubility **Soluble in Water**



Packaging: 10 kg/bucket

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

SS (ppm)	Flow Rate (m ³ /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



IRRITANT



HEALTH HAZARD

