



## POLYALUMINIUM CHLORIDE Al (OH)<sub>a</sub> Cl<sub>b</sub> (SO<sub>4</sub>)<sub>c</sub>

### PRODUCT SPECIFICATIONS:

	PAC 10Y	PAC 17D	ANALYTICAL METHOD
Appearance	<b>Yellowish liquid</b>	<b>Yellowish liquid</b>	<b>Visual</b>
Al <sub>2</sub> O <sub>3</sub>	10.5±0.5 %(w/w)	17±1 %(w/w)	Titrimetric
Density (25°C)	1.25±0.1 gr/cm <sup>3</sup>	1.4±0.1 gr/cm <sup>3</sup>	
pH(20°C) (% 5 sol.)	4.0±0.5	3±1	pH meter
Viscosity (20°C)	<20 mPa.s	<50mPa.s	
Basicity	65±10 %	35±10 %	Titrimetric
Chlorine (Cl-)	-	20+3 % (w/w)	Titrimetric

### APPLICATION FIELDS:

- Industrial water treatment
- Potable water treatment
- Paper Industry

### PACKAGING:

Delivered in tankers in bulk form or 1000 liters PE containers.

### STORAGE:

- Tanks manufactured from rubber coated carbon steel or plastic materials such as Polyethylene, Polypropylene, PVC, PTFE may be used in storage of Polyaluminum Chloride.
- Stainless steel material is not recommended.

### SECURITY PRECAUTIONS:

Avoid contact with eyes, skin, clothing. Avoid breathing dust or mist. Store in cool (20 °C), dry and well ventilated area. Protect containers from physical damage. Polyaluminium chloride solution should be stored ideally in plastic (PE, PP, PVC) or fiberglass vessels. Other tanks (eg. Mild steel, galvanised steel) must be lined with anti-corrosive material. Keep containers tightly closed when not in use. Always obey hazard warning and handle empty containers as if they were full.

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