

Product Specification Sheet

Product Name: Poly Aluminium Chloride (GACL)

Country of Origin: India

Product Exclusive Features:

- Highly stable
- Low impurities
- Availability in both liquid and powder form

Product Specification:

Sr No.	Characteristics	Unit	PAC 10		PAC 14	PAC 18	PAC 30	
			MB	HB			MB	HB
1	Appearance		Clear Pale Yellow		Pale yellow	Pale Yellow	Pale Yellow	
			Liq	Liq	Liq	Liq	Powder	Powder
2	Aluminium as Al ₂ O ₃	% by mass	10.0+ _{-0.5}	10.0+ _{-0.3}	13.5+ _{-0.5}	17.5+ _{-1.0}	29.0+ _{-1.0}	29.0+ _{-1.0}
3	Basicity	% by mass	40.0+ _{-5.0}	64 (min)		40.0+ _{-5.0}	40.0+ _{-5.0}	64(min)
4	Chloride	% by mass	11.5+ _{-1.0}	9.5+ _{-1.0}	20.5+ _{-1.5}	20.5+ _{-1.5}	33.0+ _{-2.0}	29.0+ _{-2.0}
5	Sulphate	% by mass	2.7	2.5	Nil	Nil	10	10
6	Specific gravity at 25 C		1.2+ _{-0.04}	1.2+ _{-0.02}	1.32+ _{-0.02}	1.37+ _{-0.02}	NA	NA
7	Bulk density	gm/ml	NA	NA	NA	NA	0.65 (min)	0.65 (min)
8	Insolubles, Max	% by mass	0.5	0.5			1.5	1.5
9	pH of 5 % solution	w/v	1.8-4.5	2.5-4.5	1.8-4.5	1.8-4.5	1.8-4.5	2.5-4.5

Packing:

- Powder(PAC30): 25/30 kg PP woven bags with two inner LDPE liners
- Liquid(PAC10, PAC14 & PAC18)): 50 kg HM-HDPE Carbouys/240 kg.HM-HDPE Barrels/Acid resistant rubber lined tankers

Applications of Poly Aluminium Chloride (GACL)

- **Municipal and Industrial Portable water treatments**
- **Municipal and Industrial Waste water treatments**
- **Sewage Water treatments**
- **Separation of slurry in Industrial Processes**
- **Sizing in paper and Pulp Industry**
- **Decolourisation and Decontamination of dyes in textile Industry**

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