

Polyaluminium Chloride (PAC)

GRADE ZJ-PAC-30

COAGULANT

HS 2827.32

High basicity inorganic coagulant with a wide pH window, fast floc formation and predictable cost per tonne of water.

PRODUCT DESCRIPTION

An inorganic polymer coagulant built on polynuclear hydroxy-aluminium species. Against conventional alum it reaches the same turbidity at a lower dose, works across pH 5.0-9.0 and keeps performance in cold, low-turbidity water.

KEY FEATURES

- Al₂O₃ content 28-31% with customisable basicity
- Effective across pH 5.0-9.0, including cold low-turbidity water
- Fast floc formation and short settling time
- Powder or liquid form, both available for export

TYPICAL PROPERTIES

Appearance	Light yellow powder
Al ₂ O ₃ content	≥ 30%
Basicity	40-90%
pH (1% solution)	3.5-5.0
Water insoluble matter	≤ 0.5%
Form	Powder / liquid (10-12% Al ₂ O ₃)

APPLICATIONS

Municipal water and wastewater plants, textile and paper effluent, electroplating and metallurgical wastewater, cooling water clarification.

PACKAGING

25 kg PP woven bag; 1000 kg jumbo bag; 200 L drum or 1000 L IBC for liquid

STORAGE & SHELF LIFE

Powder 24 months, liquid 12 months in unopened original packing. Store below 35 °C, dry, away from sunlight.