

Polyaluminum Chloride Flocculant (PAC)[®]

Product Description

A highly effective inorganic polymer coagulant widely used in water treatment. It features rapid flocculation, excellent sedimentation performance, broad pH adaptability, low corrosivity, and strong purification capacity, and can effectively remove suspended solids, colloids, and impurities from water.

Applications/Features

- Rapid flocculation and sedimentation; when used in conjunction with polyacrylamide (PAM), it achieves significant solid-liquid separation.
- High purification capacity; effectively removes turbidity, chemical oxygen demand (COD), and suspended solids.
- Widely used in wastewater treatment across various industries.
- Broad pH adaptability; operates stably within a pH range of 4–15.
- Low dosage, low cost, and more economical than traditional chemicals.

Technical Indicators

Item	Specification
Product Name	Polyaluminum Chloride (PAC)
Appearance	Brown or brownish-yellow powder
Aluminum Oxide (Al ₂ O ₃)	24%–30%
Basicity	40%–90%
Water-Insoluble Matter	≤1.5%
Solubility	Easily soluble in water

