



## PAC(Poly aluminum chloride)

### Introduction

**PAC** is a kind of inorganic macromolecule flocculant. Through the hydroxyl ion bridging function and the polyvalent anion polymeric function, it produces large molecular and high electricity inorganic macromolecule. It adapts a wide PH range of 5.0~9.0, and the best is between 6.5~7.6.



### Technical Data

Item	Indexes	
	Solid	Liquid
Appearance	White/light yellow powder	Clear near water-white liquid
Al <sub>2</sub> O <sub>3</sub> Content	26-32	16-18
Basicity	40-85	40-85
Density(20° C)(g/cm <sup>3</sup> )	-	1.15
Mass fraction of Insoluble	1.5	0.5
PH value(%aqueous solution)	3.5-5.0	3.5-5.0
Mass fraction of Fe/%	≤2.0	≤2.0
Mass fraction of As/%	≤0.0015	≤0.0005
Mass fraction of Pb/%	≤0.006	≤0.002
Mass fraction of Cd/%	≤0.0002	≤0.0001

### Application

1. Purification of river water, lake water and underground water
2. Purification of industry water and industry recycling water.
3. Purification of waster water
4. Reclaiming coal from coal-washing waste water and kaolin in ceramic industry
5. Purification of the waste water in printing and dyeing industry, leather industry, brewage industry, meat-processing industry, coal-washing, metallurgy industry, mine, pharmacy, paper-making, and purification of the waste water containing fluorine, oil and heavy metals
6. Tannage and cloth cockling-prevent
7. Cement Solidifying, and moulding
8. Refining of pharmaceuticals, glycerine and sugar
9. Catalyzer carrier
10. Paper-making glue