

Applications:

It is mainly used for the purification of drinking water. Water treatment agent polyaluminum chloride is mainly used for industrial water supply, wastewater, sewage and sludge treatment. polyaluminum chloride for domestic drinking water can also be used as paper-making sizing precipitant, sugar decolorizing and clarifying agent etc. In addition, it can also be used in many fields such as tanning and precision casting.

Technical Indicators

Index	Standard
Aluminum Oxide(as Al ₂ O ₃) Mass Fraction/%	≥6.00
Salinity /%	30~95
Density (20°C) / (g/cm ³)	≥1.10
Mass Fraction of Insoluble Matter /%	≤0.50
PH Value (10g/L aqueous solution) /%	3.5~5.0
Mass Fraction of Iron (Fe) /%	≤2.00
Mass Fraction of Arsenic (As) /%	≤0.0005
Mass Fraction of Lead (Pb) /%	≤0.002
Note:The mass fractions of insoluble matter, iron, arsenic and lead listed in the table refer to the product mass of AL ₂ O ₃ 10%. when AL ₂ O ₃ content is note qualto 10%, it will be converted on pro rata basis according to the actual content of AL ₂ O ₃ .	

Features:

Yellow or tan liquid, non-toxic, harmless, slightly pungent odor.

Packaging and Preservation:

It is packed in polyethylene plastic drum, with a net weight of 25kg, 50kg or 200kg per drum. It adopts a double-layer bucket lid, the inner lid is tightly buckled and the outer lid is screwed tightly. It can also be shipped by tanker truck if needed.

Instructions:

Dilute with 3 to 5 times of water. While using, first adjust the pH value of the water to 6~10, then add the prepared polyaluminum chloride solution for treatment. The quantity used is determined according to the turbidity of the water. Different turbidity requires different quantity. In addition, the COD value of water also has a great influence on the quantity used. The specific quantity needs to be determined through experiments.

