

Technical Data Sheet

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Page 1, Total 1

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Item Name:

PAC

PRODUCT INFORMATION

Chinese Name:	聚合氯化铝
Commodity Name:	Polyaluminium Chloride
Chemical Name:	Polyaluminium Chloride
Other Name:	Aluminum Hydroxychloride, Aluminum Trichloride
CAS No.:	1327-41-9
Molecular Weight:	N/A
Molecular Formula:	$[Al_2(OH)_nCl_{6-n}]_m$

PRODUCT DESCRIPTION

Polyaluminium chloride (PAC) is a kind of inorganic matter, a new water purification materials. It's an important inorganic macromolecule coagulants, playing the role in neutralizing electrivity and bridging, and keek stable as remove toxic material and heavy metal irons. Due to the effect of bridge of the hydroxyl ions and polyvalent anions' polymerization, polyaluminium chloride is inorganic polymer water treatment agent with relative higher molecular and higher charges.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	Yellow powder
Al_2O_3 by wt %	29 min
Basicity by wt %	50 - 90
Insoluble by wt %	1.5 max
pH value (1% water solution)	3.5 - 5.0

MAIN APPLICATION

Water purification in cities: such as river water, reservoir water and underground water.

Purification for industrial water.

Urban Sewage treatment.

Recycle of useful substances in industrial outlet water and waste residue and promote the settlement of pulverized coal in the coal washing system, recycle of starch in the starch industry.

All kinds of treatment for industrial outlet water, industries such as printing and dyeing, leather, fluoride, heavy metal, metallurgical, meat processing and so on.

PACKING AND SHELF LIFE

Packing: 25kg PP Bag with PE Liner

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.