

## Novichem Co.

Your Chemical Partner

P.O. Box: 15886-13941, Tehran / IR

Phone : +98-21-88329799 (Hunting)

Fax : +98-21-88329799

E-mail : info@novichem.co

Web : www.novichem.co

## POLY ALUMINUM CHLORIDE (Powder)

CAS #: 1327-41-9

### DESCRIPTION

**Poly Aluminium Chloride (PAC)** is a yellow powder which is based on inorganic aluminum salts. It is preferred in some cases because of its high charge, which makes it more effective at destabilizing and removing suspended materials than other aluminum salts.

### TECHNICAL SPECIFICATIONS

Appearance	: Yellow powder
Al <sub>2</sub> O <sub>3</sub>	: 30 ± 0.5 %
Basicity	: 80 ± 0.5 %
pH (1% solution w/v)	: 3.5 - 5
Water Insoluble	: 1 ± 0.2 %
Fe	: 1.2 ± 0.1 %
Packing	: 25 kg bags on pallets

### APPLICATIONS

Beside its usage in water treatment industry as a coagulant, it is also used in industries such as cosmetics, oil-drilling and paper.

- Industrial and municipal waste water treatment
- Process water treatment
- Sludge treatment
- Fixing agent and flocculation aid of the stock preparation and wet end of paper production
- Treatment of oil contaminated water
- Potable water treatment

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