



ATO PAC

POLYALUMINUM CHLORIDE COAGULANT

DESCRIPTION

ATO PAC is a high performance liquid polyaluminum chloride coagulant that generally offers superior clarification in either potable or wastewater. The aluminum in **ATO PAC** is highly charged, enabling less of it to do more. Advantages available to many end users are **Reduced Sludge, Minimized pH Adjustment, Longer Filter Runs, Superior Finished Water Quality, and Optimized Cold Water Performance**. **ATO PAC** is especially designed to achieve extremely high levels of turbidity removal.

PRODUCT SPECIFICATION

Appearance Yellowish Liquid
Aluminum (Al) $5.4 \pm 0.3\%$
 Al_2O_3 $10.3 \pm 0.4\%$
Basicity $55 \pm 5\%$
Specific Gravity (25°C) 1.23 ± 0.05

TYPICAL;

Iron (Fe) $< 0.01\%$
pH 2.6 ± 0.6
Sulfate (SO_4) $2.5 \pm 0.7\%$
Viscosity (25°C) 10 ± 5 cP
Freezing Point $-10^\circ C / 14^\circ F$

CERTIFICATION / APPROVAL

ATO PAC meets or exceeds all **AWWA** standards for polyaluminum chlorides and is **NSF/ANSI Standard 60** certified for use in potable water treatment up to 293 mg/l.

Pulp and Paper (On-Machine Applications)

Polyaluminum Chloride Solution is used extensively in several on machine applications as a:

- Size bonding agent
- Anionic trash scavenger
- Retention and drainage aid
- Pitch and stickies control additive