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BLU PAC SERIES

PAC-02 POLYALUMINIUM CHLORIDE

DESCRIPTION:

BLU PAC-02 type, is Polyaluminum Chloride of spray drying type, pale yellow powder, used for drinking water treatment and paper mills as retention agent, work as coagulant for water treatment. It is made by purity raw materials of $Al(OH)_3$. Food grade.

ADVANTAGES:

- Can be used widely for industrial and potable application.
- Easily soluble in water; dissolves rapidly.
- Cost is low, very competitive than other general coagulants
- Dosage will be less(20-50%) than drum drying PAC
- Flocs forming fast, good activity, good filtering.
- Don't need adding alkaline additives, if deliquescence, its effect remain same.
- Adapted for a wide pH value, strong adaptability
- The Salt content in the effluent will be reduced after use PAC.
- Can remove the water pollution of heavy metals and radioactive substances.
- The active ingredient of high, convenient storage and transportation.

APPLICATION FIELDS:

- Coagulant for different industrial area.
- Clarifying agent in Sugar, Medicine, Tanning, Cosmetic industy etc.
- Dewatering agent.

TECHNICAL DATA SHEET
Revision Date: Apr 2016

TYPICAL PROPERITIES:

Specifications:	**PAC-02 Spry drying type**
Appearance:	Solid powder, light yellow
Al_2O_3 %:	30min
Basicity %:	50.0~85.0
Insoluble % :	0.5 max
SO_4^{2-} %:	3.5 max
N %:	0.01 max
As % :	0.0002 max
Mn %:	0.005 max
Cr^{6+} % :	0.0005 max
Hg %:	0.00001 max
Pb % :	0.001max
Cd % :	0.0002max
Fe % :	0.05 max
PH(10% water solution):	3.5~5.0

APPLICATION:

- Suggested to dilute to the concentration of 2%-20% solution before use.
- Make solution before use, concentration shall be determined based on the amount of the chemicals to be dosed and the quality of water to be treated.
- Dosage is about 1-15g/mt, the dosage of liquid PAC is 3-40g/mt, the best dosage is based on different lab test results.

PACKAGE:

Packed in inner plastics bag (white or yellow) and polypropylene woven bags, with each bag containing 25kgs.

STORAGE:

Should be stored in original containers in cool and dry place, away from sources of heat, flame and direct sunlight.