

Aluminium Sulphate

Formula: AL2 (SO4)3•xH2O

Relative Molecular Weight: 342.15

Product name: Aluminium Sulphate or Aluminum Sulfate

Shape: Flakes or Granular or Powder.

EINECS NO.:233-135-0 CAS No.: 10043-01-3 HS.Code: 28332200

Molecular Formula: Al2(SO4)3

Appearance: white or light green, grey

Apt to cake after moisture absorption when laid in air for a long time. A little green because of Fe2+, yellow when Fe2+ is oxided to Fe3+. Soluble in water easily, and water solution is acid.

Application:

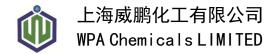
- 1)Water effluent treatment system. It's used for purification of drinking water and wastewater treatment by settling of impurities by means of precipitation and flocculation.
- 2)Paper Industry. It helps in sizing of paper at neutral and alkaline pH,thus improving paper quality (reducing spots and holes and improving sheet formation and strength) and sizing efficiency.
- 3)Textile Industry. It is used for color fixing in Naphthol based dyes for cotton fabric.
- 4)Other Uses. Leather tanning, lubricating compositions, fire retardants; decolorizing agent in petroleum, deodorizer; food additive; firming agent; dyeing mordant; foaming agent in firefighting foams; fireproofing cloth; catalyst; pH control; waterproofing concrete; aluminum compounds, zeolites etc.

Packaging: PP/PE 50kg/bag; 25kg/bag; 25MT /20'FCL container.

Storage: The product is liable to absorb moisture and clot due to long-term exposure, so shady, cool and ventilated environment is needed.



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Standard No. For Drinking Water Treatment: HG2227-2004

Project name	Standard indicators	Lotus alum Test results
AL203	15.6%	15.9%
Fe	0.5%	0.20%
PH Value	3.0	3.10
Water Insoluble Matter	0.15%	0.08%
AS	0.0004%	0.0002%
Pb	0.001%	0.0006%
Hg	0.00002%	0.00008%
Cr(VI)	0.001%	0.0003%
Cd	0.0002%	0.00008%

Standard No. For Industrial Water Treatment: HG/T2225-2010

Project name	Standard indicators	Lotus alum Test results
AL203	15.6%	15.8%
Fe	0.5%	0.23%
PH Value	3.0	3.10
Water Insoluble Matter	0.20%	0.10%

Aluminum Sulfate Index: HG/T2225-2010

Project name	Standard indicators	Lotus alum Test results
AL203	15.8%	16.20%
Fe	0.005%	0.003%
PH Value	3.0	3.10
Water Insoluble Matter	0.15%	0.05%

