

ALUMINUM SULPHATE 17% GRANULAR



General Information

Chemical Formula	$\text{Al}_2(\text{SO}_4)_3$	
Synonym	Alum	
Origin	Indonesia	
H.S. Code	2833.22.00	
CAS No.	10043-01-3	
Molecular Weight	342.15 g mol ⁻¹	

Application

Waste water treatment	It is used as a coagulant in sewage and process industry waste water treatment.
Textile Industry	It is used as a mordant in textile manufacture during the dyeing and printing process.
Paper Industry	It is used as synthetic sizing agent in production of paper.
Construction	It is used as waterproofing agent and accelerator to set concrete in the construction industry.
Other applications	It is used in antiperspirants, baking powder, fire fighting foam, styptic pencils, some pesticides, paper sizing, etc.

Specification

Property	Units	Value		
		Standard	Special Grade	
		< 12 mm	(1-3) mm	(1-12) mm
Particle size	%	98 (min)	85 (min)	90(min)
Bulk Density	g/cm ³	0.83 – 0.87	0.84 – 0.89	0.83 – 0.87
Appearance		Granular		
Aluminum Oxide (Al ₂ O ₃)	%	17 (min)		
Water Insoluble Matter	%	0.5 (max)		
Iron (Fe)	%	0.01 (max)		
Heavy metal (as Pb)	%	0.0010 (max)		
Arsenic (As)	%	0.0002 (max)		
pH 1% solution (solid)		3.0 (min)		

Packaging

- 920 @ 25 kg PP woven bags, 23 MT / 20' FCL
- 460 @ 50 kg PP woven bags, 23 MT / 20' FCL