

ALUMINUM SULPHATE LUMP



General Information

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

Application

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|-----------------------|--|
| 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 |
|--|-------|--------------|
| Appearance | | Lump |
| Aluminum Oxide (Al_2O_3) | % | 17 (min) |
| Water Insoluble Matter | % | 0.15 (max) |
| Iron (Fe) | % | 0.005 (max) |
| Heavy metal (as Pb) | % | 0.0020 (max) |
| Arsenic (As) | % | 0.0005 (max) |
| pH 1% solution (solid) | | 3.0 (min) |
| Particle size | | 150 mm (max) |

Packaging

- 1000 @ 25 kg PP/PE bags, 25 MT / 20' FCL
- 500 @ 50 kg PP/PE bags, 25 MT / 20' FCL

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