

Aluminum Sulfate, Anhydrous

$$\text{Al}_2(\text{SO}_4)_3$$

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Product Bulletin

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Aluminum Sulfate, Anhydrous is a white powder. Product possesses slow rate of solubility in boiling water.

Note: Specialty grades are available to meet specific process needs.

| Specifications | |
|--|------------------------------------|
| CAS Number | 10043-01-3 |
| CAS Index Name | Sulfuric Acid, Aluminum Salt (3:2) |
| Grade | Technical |
| Molecular Weight | 342.2 |
| Aluminum Sulfate, $\text{Al}_2(\text{SO}_4)_3$, calculated on an ignited basis: | 99.5% minimum |
| Free Moisture (Karl Fischer): | 0.5% maximum |
| Loss on Ignition (3 hours at 500°C): | 5.0% maximum |

| Typical Properties | |
|---|-------------------|
| Sieving (through 325 Mesh): | 5% |
| Bulk Density (pounds per cubic foot): | 37 |
| Solubility, grams per 100 grams water (2.5 hours at 100°C): | 20 |
| pH (1% solution): | approximately 3.5 |

Containers:

- ◆ 300 pound net weight Fiber Drums

Customized quantities available for batch operations in moisture-proof bags. Contact your Customer Service Representative.

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