

Aluminum Hydroxide Powder

Aluminum hydroxide, $\text{Al}(\text{OH})_3$, is a white, odorless powder widely used across various industrial applications. It functions as a flame retardant, smoke suppressant, and filler in products like plastics, rubber, and coatings.



Product Overview

High-Performance Aluminum Hydroxide

Aluminum hydroxide, $\text{Al}(\text{OH})_3$, is a non-abrasive, white, odorless powder engineered for diverse industrial applications. It is widely utilized as an effective flame retardant and smoke suppressant, particularly in plastics, rubber, and coatings. Due to its chemical stability and endothermic water release upon heating, it provides critical fire protection while maintaining consistent performance through a controlled particle size distribution.

Chemical Properties

Chemical Formula	$\text{Al}(\text{OH})_3$
Appearance	White, odorless powder

Applications

Compatible Materials

- Plastics
- Rubber
- Coatings

Primary Industrial Uses	Flame Retardant, Smoke Suppressant, Filler, Catalyst Production, Adsorbents, Pharmaceuticals
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Key Features

Performance Metrics

1 Non-abrasive

Abrasiveness

1 Odorless

Odor