

# ALPHA-ALUMINA (CAS 1344-28-1) Market Research Report 2025

<https://marketpublishers.com/r/A4593187B8AEN.html>

Date: May 2025

Pages: 97

Price: US\$ 2,200.00 (Single User License)

ID: A4593187B8AEN

## Abstracts

ALPHA-ALUMINA (CAS 1344-28-1) Market Research Report 2025 presents comprehensive data on ALPHA-ALUMINA markets globally and regionally (Europe, Asia, North America etc.)

The report includes ALPHA-ALUMINA description, covers its application areas and related patterns. It overviews ALPHA-ALUMINA market, names ALPHA-ALUMINA producers and indicates its suppliers.

Besides, the report provides ALPHA-ALUMINA prices in regional markets.

In addition to the above the report determines ALPHA-ALUMINA consumers in the market.

BAC Reports offers its clients in-depth market research of chemical industry products on the global and regional markets (North & Latin America, Asia Pacific, European Union, Russia and CIS).

We can analyze the following elements for each chemical product in any country or region:

capacities and production

consumption volume and structure

market price trends

exports and imports

existing technologies

feedstock market condition

market news digest

market forecast.

ALPHA-ALUMINA (CAS 1344-28-1) Market Research Report 2025 can feature:

market condition and estimations, market forecast

chemical product ranges, trademarks, analogous products, application areas

regional and global producers, consumers and traders (including contact details).

## Contents

### **1. ALPHA-ALUMINA (CAS 1344-28-1)**

- 1.1. General information, synonyms
- 1.2. Composition, chemical structure
- 1.3. Safety information
- 1.4. Hazards identification
- 1.5. Handling and storage
- 1.6. Toxicological & ecological information
- 1.7. Transport information

### **2. ALPHA-ALUMINA APPLICATIONS**

- 2.1. ALPHA-ALUMINA application spheres, downstream products

### **3. ALPHA-ALUMINA MANUFACTURING METHODS**

### **4. ALPHA-ALUMINA PATENTS**

- Abstract
- Description
- Summary of the invention
- Detailed description of the invention

### **5. ALPHA-ALUMINA MARKET WORLDWIDE**

- 5.1. General ALPHA-ALUMINA market situation, trends
- 5.2. Manufacturers of ALPHA-ALUMINA
  - Europe
  - Asia
  - North America
  - Other regions
- 5.3. ALPHA-ALUMINA suppliers (importers, local distributors)
  - Europe
  - Asia
  - North America
  - Other regions

#### 5.4. ALPHA-ALUMINA market forecast

### **6. ALPHA-ALUMINA MARKET PRICES**

#### 6.1. ALPHA-ALUMINA prices in Europe

#### 6.2. ALPHA-ALUMINA prices in Asia

#### 6.3. ALPHA-ALUMINA prices in North America

#### 6.4. ALPHA-ALUMINA prices in other regions

### **7. ALPHA-ALUMINA END-USE SECTOR**

#### 7.1. ALPHA-ALUMINA market by application sphere

#### 7.2. ALPHA-ALUMINA downstream markets trends and prospects

\*Please note that ALPHA-ALUMINA (CAS 1344-28-1) Market Research Report 2025 is a half ready publication and contents are subject to change. It only requires updating with the help of new data that are constantly retrieved from Publisher's databases and other sources. This updating process takes 5-7 business days after order is placed. Thus, our clients always obtain a revised and updated version of each report. Please also note that we do not charge for such an updating procedure. BAC Reports has information for more than 25,000 different chemicals available but it is impossible to have all reports updated immediately. That is why it takes 5-7 days to update a report after an order is received.

## About

Product Name: ALPHA-ALUMINA

Synonyms:

alpha-Aluminum oxide

Alumina

Aluminum trioxide

Aluminium oxide

Activated alumina

Nanometer High-purity Alumina

Activated Alumina for Hydrogen  
Peroxide

Aluminum oxide

BROWN FUSED ALUMINA

Alumina (type unspecified)

?-Alumina

Alumina, activated

Alumina, calcined

Alumina, chromatographic

Alumina, fused

CAS#:

1344-28-1

1333-84-2

90669-62-8

Formula:	$\text{Al}_2\text{O}_3$
Molecular Weight:	101.96
Appearance:	White crystalline solid or powder, very hard, odorless.
Usage:	Production of aluminum, manufacture of abrasives, refractories, ceramics, electrical insulators, catalyst & catalyst supports, paper, spark plugs, crucibles & laboratory works, adsorbent for gases & water vapors, chromatographic analysis, fluxes, light bulbs, artificial gems, heat resist

Activated alumina refers to a synthetically processed white to slightly red, odorless compound with the molecular formula  $\text{Al}_2\text{O}_3$ . The compound is produced from aluminium oxide by dehydroxylating.

The compound is highly porous, resistant to thermal shock and abrasion. Activated alumina does not shrink, swell, soften or disintegrate in water. The compound shows significant capacity of absorption, high mechanical strength. Activated alumina is thermally stable as it starts boiling at 2980°C.

The compound functions as a catalyst, desiccant, fluoride absorbent. It is used for adsorbent and catalyst applications including the adsorption and holding moisture with change in the form of properties, the adsorption catalysts in the production of polyethylene. Due to its beneficial chemical and physical properties, the compound is utilized for the purification and drying of organic gases, air and liquids.

Activated alumina is almost non reactive in the biological environment, and causes few side effects to human health. Still, a prolonged direct contact with activated alumina may cause an irritation or slight abrasive damage to eyes or skin.

Activated alumina market is covered in the study Activated alumina (CAS 1344-28-1) Market Research Report 2013. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks activated alumina market situation, names manufacturers, suppliers as well as users. The report also provides current activated alumina prices.

## I would like to order

Product name: ALPHA-ALUMINA (CAS 1344-28-1) Market Research Report 2025

Product link: <https://marketpublishers.com/r/A4593187B8AEN.html>

Price: US\$ 2,200.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A4593187B8AEN.html>