

# Aluminum oxide (CAS 1344-28-1) Market Research Report 2025

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## Abstracts

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

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

Besides, the report provides Aluminum oxide prices in regional markets.

In addition to the above the report determines Aluminum oxide 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.

Aluminum oxide (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).

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\*Please note that Aluminum oxide (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:	Aluminum oxide
Synonyms:	alpha-Alumina
	Aluminum trioxide
	Aluminium oxide
	Activated alumina
	Nanometer High-purity Alumina
	Activated Alumina for Hydrogen Peroxide
	ALPHA-ALUMINA
	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.

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