

# Global Lanthanum Hexaboride Sputtering Target Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Lanthanum Hexaboride Sputtering Target market size was valued at US\$ 166 million in 2025 and is forecast to a readjusted size of US\$ 252 million by 2032 with a CAGR of 6.2% during review period.

Lanthanum hexaboride sputtering target (LaB<sub>6</sub> sputtering target) is a high-performance coating target made of lanthanum hexaboride (LaB<sub>6</sub>) material, with low work function (2.6 eV), high melting point (2210°C) and excellent thermal electron emission characteristics. The target material is deposited into thin films by magnetron sputtering or electron beam evaporation process, and is widely used in electron microscope cathodes, flat panel displays (FED), semiconductor electrode coating and other fields, which can significantly improve the device electron emission efficiency and stability.

This report is a detailed and comprehensive analysis for global Lanthanum Hexaboride Sputtering Target market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Lanthanum Hexaboride Sputtering Target market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices

(US\$/Ton), 2021-2032

Global Lanthanum Hexaboride Sputtering Target market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Lanthanum Hexaboride Sputtering Target market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Lanthanum Hexaboride Sputtering Target market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Lanthanum Hexaboride Sputtering Target

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Lanthanum Hexaboride Sputtering Target market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include AEM Deposition, Ottamagation, AbleTarget, American Elements, Nanorh, Nextgen Advanced Materials INC, Edgetech Industries LLC, Kangqiang, Vacuum Engineering & Materials, XINKANG, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## Market Segmentation

Lanthanum Hexaboride Sputtering Target market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume

and value. This analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

Purity: 99.9%

Purity: 99.99%

Purity: 99.999%

#### Market segment by Application

Semiconductor

Optics

Electronics

Others

#### Major players covered

AEM Deposition

Ottamagation

AbleTarget

American Elements

Nanorh

Nextgen Advanced Materials INC

Edgetech Industries LLC

Kangqiang

Vacuum Engineering & Materials

XINKANG

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Lanthanum Hexaboride Sputtering Target product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Lanthanum Hexaboride Sputtering Target, with price, sales quantity, revenue, and global market share of Lanthanum Hexaboride Sputtering Target from 2021 to 2026.

Chapter 3, the Lanthanum Hexaboride Sputtering Target competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Lanthanum Hexaboride Sputtering Target breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales

market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Lanthanum Hexaboride Sputtering Target market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Lanthanum Hexaboride Sputtering Target.

Chapter 14 and 15, to describe Lanthanum Hexaboride Sputtering Target sales channel, distributors, customers, research findings and conclusion.

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