

Global Lithium Manganese Dioxide 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 Lithium Manganese Dioxide market size was valued at US\$ 2098 million in 2025 and is forecast to a readjusted size of US\$ 3296 million by 2032 with a CAGR of 6.6% during review period.

Lithium Manganese Dioxide are cathode active materials primarily used in lithium primary batteries, especially lithium manganese dioxide (CR-series) coin cells, cylindrical cells, and specialty batteries for consumer electronics, medical devices, smart meters, automotive electronics, and IoT devices. These materials typically consist of high-purity electrolytic manganese dioxide (EMD) or chemically synthesized manganese dioxide combined with lithium sources to achieve the desired electrochemical performance, high energy density, long shelf life, and stable discharge characteristics. The supply chain begins with upstream raw materials including manganese ore, electrolytic manganese dioxide (EMD), high-purity lithium compounds (such as lithium carbonate and lithium hydroxide), conductive carbon additives, binders, separators, electrolytes, and specialty packaging materials. Midstream activities involve the synthesis, purification, particle-size control, coating, and formulation of Li-MnO₂ cathode materials, followed by battery cell manufacturing, assembly, testing, and packaging. Downstream customers include battery manufacturers supplying products to consumer electronics, medical equipment, industrial instrumentation, utility metering, automotive electronics, military systems, security devices, and various long-life power applications requiring reliable primary lithium battery technology. In 2025, global Lithium Manganese Dioxide output was about 350,000 tons with 450,000 tons of capacity, average prices of USD 5,000?12,000 per ton, and gross margins around 28%.

This report is a detailed and comprehensive analysis for global Lithium Manganese

Dioxide 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 Lithium Manganese Dioxide market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Lithium Manganese Dioxide market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Lithium Manganese Dioxide market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2021-2032

Global Lithium Manganese Dioxide market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), 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 Lithium Manganese Dioxide

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 Lithium Manganese Dioxide 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 Toda Kogyo (Japan), Tanaka Chemical (Japan), Mitsubishi Chemical (Japan), Nippon Chemical (Japan), NEI

Corporation (USA), American Elements (USA), Umicore (Belgium), Hunan Reshine New Material (China), Tianjin B&M Science Tech (China), Pulead Technology Industry (China), etc.

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

Market Segmentation

Lithium Manganese Dioxide 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

Industrial Grade (95?98%)

Battery Grade (98?99.5%)

High-Purity Grade (>99.5%)

Market segment by Crystal Structure

Orthorhombic LiMnO?

Monoclinic LiMnO?

Market segment by Application

Primary Lithium Battery

Rechargeable Lithium Battery

Electronic Material

Others

Major players covered

Toda Kogyo (Japan)

Tanaka Chemical (Japan)

Mitsubishi Chemical (Japan)

Nippon Chemical (Japan)

NEI Corporation (USA)

American Elements (USA)

Umicore (Belgium)

Hunan Reshine New Material (China)

Tianjin B&M Science Tech (China)

Pulead Technology Industry (China)

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 Lithium Manganese Dioxide product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Lithium Manganese Dioxide, with price, sales quantity, revenue, and global market share of Lithium Manganese Dioxide from 2021 to 2026.

Chapter 3, the Lithium Manganese Dioxide competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Lithium Manganese Dioxide 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 Lithium Manganese Dioxide 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 Lithium Manganese Dioxide.

Chapter 14 and 15, to describe Lithium Manganese Dioxide sales channel, distributors, customers, research findings and conclusion.

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