

# Global Electrolytic Manganese Dioxide (EMD) Competitive Landscape Professional Research Report 2025

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## Abstracts

### Market Overview

According to DIResearch's in-depth investigation and research, the global Electrolytic Manganese Dioxide (EMD) market size will reach 1,680.42 Million USD in 2025 and is projected to reach 2,701.92 Million USD by 2032, with a CAGR of 7.02% (2025-2032). Notably, the China Electrolytic Manganese Dioxide (EMD) market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

### Research Summary

Electrolytic Manganese Dioxide (EMD) is a high-purity manganese compound manufactured through an electrolysis process. In this method, manganese sulfate is electrolytically reduced, depositing a layer of manganese dioxide onto a cathode. EMD is known for its exceptional purity, which is crucial for various applications, primarily as a key component in the production of dry cell batteries, particularly alkaline and zinc-carbon batteries. It serves as the cathode material in these batteries, enabling efficient and reliable energy storage and release due to its high electrochemical reactivity and stability. EMD is also utilized in other sectors, including the electronics and water treatment industries, where its high quality and performance characteristics are valued.

The major global manufacturers of Electrolytic Manganese Dioxide (EMD) include Tosoh, Prince, Borman Specialty Materials, Autl?n, Mesa Minerals Limited, Golden Mile GmbH, Moil Limited, Xiangtan Electrochemical, Guiliu Chemical, CITIC Dameng Mining Industries, Guizhou Redstar, Guangxi Jingxi County Yizhou Manganese Industry,

Guangxi Non-Ferrous Metals Group Huiyuan Manganese Industry, Guizhou Manganese Mineral Group, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Electrolytic Manganese Dioxide (EMD). Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global Electrolytic Manganese Dioxide (EMD) market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Electrolytic Manganese Dioxide (EMD) market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Electrolytic Manganese Dioxide (EMD) industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of Electrolytic Manganese Dioxide (EMD) Include:

Tosoh

Prince

Borman Specialty Materials

Autl?n

Mesa Minerals Limited

Golden Mile GmbH

Moil Limited

Xiangtan Electrochemical

Guiliu Chemical

CITIC Dameng Mining Industries

Guizhou Redstar

Guangxi Jingxi County Yizhou Manganese Industry

Guangxi Non-Ferrous Metals Group Huiyuan Manganese Industry

Guizhou Manganese Mineral Group

Electrolytic Manganese Dioxide (EMD) Product Segment Include:

Alkaline Battery Grade EMD

Zinc Manganese and Zinc-Carbon Battery Grade EMD

Lithium-Ion Battery Grade EMD

Primary Lithium Manganese Battery Grade

Other Grade EMD

Electrolytic Manganese Dioxide (EMD) Product Application Include:

Primary Battery

Secondary Battery

Others

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