

Global GMC Molding Materials Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global GMC Molding Materials market size is expected to reach \$ 261 million by 2032, rising at a market growth of 8.0% CAGR during the forecast period (2026-2032).

In 2025, global GMC Molding Materials production reached approximately 16 k tons, with an average global market price of around US\$9,040 per ton. GMC (Granular Molding Compound) molding materials are a type of thermosetting composite material. At the core, they are based on epoxy resin. Epoxy resin serves as the matrix that binds other components together and provides the material with basic mechanical and adhesive properties. The epoxy resin used in GMC typically has a cross - linked molecular structure after curing, which endows the material with hardness, toughness, and chemical resistance.

The development of the global GMC molding materials market is intrinsically linked to the evolution of advanced packaging technologies, with its demand directly driven by innovative applications such as artificial intelligence, high-performance computing, and automotive electronics. Owing to its superior flow and filling properties, GMC is particularly suited for high-end packaging processes like High Bandwidth Memory (HBM) and Fan-Out Wafer-Level Packaging (FOWLP), making it a critical material for enhancing chip performance and reliability. Currently, the global market is characterized by a highly concentrated competitive landscape, dominated by a limited number of international leaders. A core development trend is the continuous iteration of product structure towards higher performance. The value of GMC used in advanced packaging is significantly greater than that of materials for traditional packaging, driving the overall market value upward. Concurrently, the trend towards supply chain localization has created a historic opportunity for domestic enterprises. Local manufacturers have achieved technological breakthroughs in certain products and entered the customer

validation stage, with the import substitution process actively reshaping the supply chain landscape. However, the industry faces significant obstacles. Firstly, high-end GMC presents substantial technical barriers, with core formulations and processes long mastered by overseas companies, posing severe challenges for domestic players seeking to break into the high-end market. Secondly, the supply stability and technical bottlenecks of key upstream raw materials (such as spherical silica powder meeting specific requirements) also constrain the industry's quest for self-sufficiency and control.

This report studies the global GMC Molding Materials production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for GMC Molding Materials and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of GMC Molding Materials that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global GMC Molding Materials total production and demand, 2021-2032, (Tons)

Global GMC Molding Materials total production value, 2021-2032, (USD Million)

Global GMC Molding Materials production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global GMC Molding Materials consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: GMC Molding Materials domestic production, consumption, key domestic manufacturers and share

Global GMC Molding Materials production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global GMC Molding Materials production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global GMC Molding Materials production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global GMC Molding Materials market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Sumitomo Bakelite, Resonac, Panasonic, KCC Corporation, HighsolEM, Jiangsu Hhck Advanced Materials, Jiangsu Zhongke Kehua, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World GMC Molding Materials market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global GMC Molding Materials Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global GMC Molding Materials Market, Segmentation by Type:

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