

Global Granule Mold Compound Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GD6A0198738FEN.html>

Date: April 2026

Pages: 113

Price: US\$ 4,480.00 (Single User License)

ID: GD6A0198738FEN

Abstracts

The global Granule Mold Compound 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 Granule Mold Compound (GMC) production reached approximately 16 k tons, with an average global market price of around US\$9,040 per ton. Granule Mold Compound (GMC) is a semiconductor packaging material supplied in granular form. It is produced through thermal mixing of epoxy resin, curing agents, spherical silica fillers, and functional additives, followed by cooling and crushing, resulting in particle sizes typically ranging from sub-millimeter to several millimeters. Compared with conventional tablet-type mold compounds, GMC offers higher flowability, lower shrinkage, and excellent compatibility with automated processing. It is the core material for compression molding processes and is widely used in advanced applications such as wafer-level packaging (WLP) and panel-level packaging (PLP).

The global Granular Molding Compound market is experiencing sustained growth, driven by the advancement of semiconductor advanced packaging technologies. As a critical protective material for chip packaging, its granular form is particularly suited for advanced processes like Fan-Out Wafer-Level Packaging, playing a vital role in ensuring the reliability of high-end chips such as High Bandwidth Memory. The market is currently led by a limited number of international manufacturers, but clear trends of product upgrading and import substitution are evident. A key development trend is the iterative shift towards higher-value product structures. GMC for advanced packaging demands superior performance, commanding a significantly higher unit value compared to materials used in traditional packaging. Furthermore, demand from AI and high-performance computing for HBM, alongside the growth of automotive electronics, provides continuous application-driven market??. A major current opportunity lies in

import substitution within the context of semiconductor supply chain localization. Domestic companies are gradually overcoming technical barriers, with some products entering leading supply chains. They are gaining market share by leveraging cost and service advantages, thereby reshaping the competitive landscape. However, significant obstacles remain. Firstly, high-performance GMC has substantial technical barriers, with core formulations and processes still mastered by overseas companies, posing challenges for domestic firms in the high-end market. Secondly, the supply stability and technical level of key upstream raw materials (e.g., specific grades of silica micro powder) also impact the industry's development.

This report studies the global Granule Mold Compound production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Granule Mold Compound 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 Granule Mold Compound that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Granule Mold Compound total production and demand, 2021-2032, (Tons)

Global Granule Mold Compound total production value, 2021-2032, (USD Million)

Global Granule Mold Compound production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Granule Mold Compound consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Granule Mold Compound domestic production, consumption, key domestic manufacturers and share

Global Granule Mold Compound production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Granule Mold Compound production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Granule Mold Compound production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Granule Mold Compound 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 Granule Mold Compound 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 Granule Mold Compound Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Granule Mold Compound Market, Segmentation by Type:

Filler Content ?80%

Filler Content

Contents

1 SUPPLY SUMMARY

- 1.1 Granule Mold Compound Introduction
- 1.2 World Granule Mold Compound Supply & Forecast
 - 1.2.1 World Granule Mold Compound Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Granule Mold Compound Production (2021-2032)
 - 1.2.3 World Granule Mold Compound Pricing Trends (2021-2032)
- 1.3 World Granule Mold Compound Production by Region (Based on Production Site)
 - 1.3.1 World Granule Mold Compound Production Value by Region (2021-2032)
 - 1.3.2 World Granule Mold Compound Production by Region (2021-2032)
 - 1.3.3 World Granule Mold Compound Average Price by Region (2021-2032)
 - 1.3.4 Japan Granule Mold Compound Production (2021-2032)
 - 1.3.5 China Granule Mold Compound Production (2021-2032)
 - 1.3.6 South Korea Granule Mold Compound Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Granule Mold Compound Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Granule Mold Compound Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Granule Mold Compound Demand (2021-2032)
- 2.2 World Granule Mold Compound Consumption by Region
 - 2.2.1 World Granule Mold Compound Consumption by Region (2021-2026)
 - 2.2.2 World Granule Mold Compound Consumption Forecast by Region (2027-2032)
- 2.3 United States Granule Mold Compound Consumption (2021-2032)
- 2.4 China Granule Mold Compound Consumption (2021-2032)
- 2.5 Europe Granule Mold Compound Consumption (2021-2032)
- 2.6 Japan Granule Mold Compound Consumption (2021-2032)
- 2.7 South Korea Granule Mold Compound Consumption (2021-2032)
- 2.8 ASEAN Granule Mold Compound Consumption (2021-2032)
- 2.9 India Granule Mold Compound Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Granule Mold Compound Production Value by Manufacturer (2021-2026)
- 3.2 World Granule Mold Compound Production by Manufacturer (2021-2026)

- 3.3 World Granule Mold Compound Average Price by Manufacturer (2021-2026)
- 3.4 Granule Mold Compound Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Granule Mold Compound Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Granule Mold Compound in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Granule Mold Compound in 2025
- 3.6 Granule Mold Compound Market: Overall Company Footprint Analysis
 - 3.6.1 Granule Mold Compound Market: Region Footprint
 - 3.6.2 Granule Mold Compound Market: Company Product Type Footprint
 - 3.6.3 Granule Mold Compound Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Granule Mold Compound Production Value Comparison
 - 4.1.1 United States VS China: Granule Mold Compound Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Granule Mold Compound Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Granule Mold Compound Production Comparison
 - 4.2.1 United States VS China: Granule Mold Compound Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Granule Mold Compound Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Granule Mold Compound Consumption Comparison
 - 4.3.1 United States VS China: Granule Mold Compound Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Granule Mold Compound Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Granule Mold Compound Manufacturers and Market Share, 2021-2026
 - 4.4.1 United States Based Granule Mold Compound Manufacturers, Headquarters and Production Site (States, Country)
 - 4.4.2 United States Based Manufacturers Granule Mold Compound Production Value

(2021-2026)

4.4.3 United States Based Manufacturers Granule Mold Compound Production

(2021-2026)

4.5 China Based Granule Mold Compound Manufacturers and Market Share

4.5.1 China Based Granule Mold Compound Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Granule Mold Compound Production Value (2021-2026)

4.5.3 China Based Manufacturers Granule Mold Compound Production (2021-2026)

4.6 Rest of World Based Granule Mold Compound Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Granule Mold Compound Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Granule Mold Compound Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Granule Mold Compound Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Granule Mold Compound Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Filler Content >80%

5.2.2 Filler Content

List Of Tables

LIST OF TABLES

Table 1. World Granule Mold Compound Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Granule Mold Compound Production Value by Region (2021-2026) & (USD Million)

Table 3. World Granule Mold Compound Production Value by Region (2027-2032) & (USD Million)

Table 4. World Granule Mold Compound Production Value Market Share by Region (2021-2026)

Table 5. World Granule Mold Compound Production Value Market Share by Region (2027-2032)

Table 6. World Granule Mold Compound Production by Region (2021-2026) & (Tons)

Table 7. World Granule Mold Compound Production by Region (2027-2032) & (Tons)

Table 8. World Granule Mold Compound Production Market Share by Region (2021-2026)

Table 9. World Granule Mold Compound Production Market Share by Region (2027-2032)

Table 10. World Granule Mold Compound Average Price by Region (2021-2026) & (US\$/Ton)

Table 11. World Granule Mold Compound Average Price by Region (2027-2032) & (US\$/Ton)

Table 12. Granule Mold Compound Major Market Trends

Table 13. World Granule Mold Compound Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Tons)

Table 14. World Granule Mold Compound Consumption by Region (2021-2026) & (Tons)

Table 15. World Granule Mold Compound Consumption Forecast by Region (2027-2032) & (Tons)

Table 16. World Granule Mold Compound Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Granule Mold Compound Producers in 2025

Table 18. World Granule Mold Compound Production by Manufacturer (2021-2026) & (Tons)

Table 19. Production Market Share of Key Granule Mold Compound Producers in 2025

Table 20. World Granule Mold Compound Average Price by Manufacturer (2021-2026)

& (US\$/Ton)

Table 21. Global Granule Mold Compound Company Evaluation Quadrant

Table 22. World Granule Mold Compound Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Granule Mold Compound Production Site of Key Manufacturer

Table 24. Granule Mold Compound Market: Company Product Type Footprint

Table 25. Granule Mold Compound Market: Company Product Application Footprint

Table 26. Granule Mold Compound Competitive Factors

Table 27. Granule Mold Compound New Entrant and Capacity Expansion Plans

Table 28. Granule Mold Compound Mergers & Acquisitions Activity

Table 29. United States VS China Granule Mold Compound Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Granule Mold Compound Production Comparison, (2021 & 2025 & 2032) & (Tons)

Table 31. United States VS China Granule Mold Compound Consumption Comparison, (2021 & 2025 & 2032) & (Tons)

Table 32. United States Based Granule Mold Compound Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Granule Mold Compound Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Granule Mold Compound Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Granule Mold Compound Production (2021-2026) & (Tons)

Table 36. United States Based Manufacturers Granule Mold Compound Production Market Share (2021-2026)

Table 37. China Based Granule Mold Compound Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Granule Mold Compound Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Granule Mold Compound Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Granule Mold Compound Production, (2021-2026) & (Tons)

Table 41. China Based Manufacturers Granule Mold Compound Production Market Share (2021-2026)

Table 42. Rest of World Based Granule Mold Compound Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Granule Mold Compound Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Granule Mold Compound Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Granule Mold Compound Production, (2021-2026) & (Tons)

Table 46. Rest of World Based Manufacturers Granule Mold Compound Production Market Share (2021-2026)

Table 47. World Granule Mold Compound Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Granule Mold Compound Production by Type (2021-2026) & (Tons)

Table 49. World Granule Mold Compound Production by Type (2027-2032) & (Tons)

Table 50. World Granule Mold Compound Production Value by Type (2021-2026) & (USD Million)

Table 51. World Granule Mold Compound Production Value by Type (2027-2032) & (USD Million)

Table 52. World Granule Mold Compound Average Price by Type (2021-2026) & (US\$/Ton)

Table 53. World Granule Mold Compound Average Price by Type (2027-2032) & (US\$/Ton)

Table 54. World Granule Mold Compound Production Value by Performance, (USD Million), 2021 & 2025 & 2032

Table 55. World Granule Mold Compound Production by Performance (2021-2026) & (Tons)

Table 56. World Granule Mold Compound Production by Performance (2027-2032) & (Tons)

Table 57. World Granule Mold Compound Production Value by Performance (2021-2026) & (USD Million)

Table 58. World Granule Mold Compound Production Value by Performance (2027-2032) & (USD Million)

Table 59. World Granule Mold Compound Average Price by Performance (2021-2026) & (US\$/Ton)

Table 60. World Granule Mold Compound Average Price by Performance (2027-2032) & (US\$/Ton)

Table 61. World Granule Mold Compound Production Value by Industry, (USD Million), 2021 & 2025 & 2032

Table 62. World Granule Mold Compound Production by Industry (2021-2026) & (Tons)

Table 63. World Granule Mold Compound Production by Industry (2027-2032) & (Tons)

Table 64. World Granule Mold Compound Production Value by Industry (2021-2026) &

(USD Million)

Table 65. World Granule Mold Compound Production Value by Industry (2027-2032) & (USD Million)

Table 66. World Granule Mold Compound Average Price by Industry (2021-2026) & (US\$/Ton)

Table 67. World Granule Mold Compound Average Price by Industry (2027-2032) & (US\$/Ton)

Table 68. World Granule Mold Compound Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Granule Mold Compound Production by Application (2021-2026) & (Tons)

Table 70. World Granule Mold Compound Production by Application (2027-2032) & (Tons)

Table 71. World Granule Mold Compound Production Value by Application (2021-2026) & (USD Million)

Table 72. World Granule Mold Compound Production Value by Application (2027-2032) & (USD Million)

Table 73. World Granule Mold Compound Average Price by Application (2021-2026) & (US\$/Ton)

Table 74. World Granule Mold Compound Average Price by Application (2027-2032) & (US\$/Ton)

Table 75. Sumitomo Bakelite Basic Information, Manufacturing Base and Competitors

Table 76. Sumitomo Bakelite Major Business

Table 77. Sumitomo Bakelite Granule Mold Compound Product and Services

Table 78. Sumitomo Bakelite Granule Mold Compound Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Sumitomo Bakelite Recent Developments/Updates

Table 80. Sumitomo Bakelite Competitive Strengths & Weaknesses

Table 81. Resonac Basic Information, Manufacturing Base and Competitors

Table 82. Resonac Major Business

Table 83. Resonac Granule Mold Compound Product and Services

Table 84. Resonac Granule Mold Compound Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Resonac Recent Developments/Updates

Table 86. Resonac Competitive Strengths & Weaknesses

Table 87. Panasonic Basic Information, Manufacturing Base and Competitors

Table 88. Panasonic Major Business

Table 89. Panasonic Granule Mold Compound Product and Services

- Table 90. Panasonic Granule Mold Compound Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 91. Panasonic Recent Developments/Updates
- Table 92. Panasonic Competitive Strengths & Weaknesses
- Table 93. KCC Corporation Basic Information, Manufacturing Base and Competitors
- Table 94. KCC Corporation Major Business
- Table 95. KCC Corporation Granule Mold Compound Product and Services
- Table 96. KCC Corporation Granule Mold Compound Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 97. KCC Corporation Recent Developments/Updates
- Table 98. KCC Corporation Competitive Strengths & Weaknesses
- Table 99. HighsolEM Basic Information, Manufacturing Base and Competitors
- Table 100. HighsolEM Major Business
- Table 101. HighsolEM Granule Mold Compound Product and Services
- Table 102. HighsolEM Granule Mold Compound Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 103. HighsolEM Recent Developments/Updates
- Table 104. HighsolEM Competitive Strengths & Weaknesses
- Table 105. Jiangsu Hhck Advanced Materials Basic Information, Manufacturing Base and Competitors
- Table 106. Jiangsu Hhck Advanced Materials Major Business
- Table 107. Jiangsu Hhck Advanced Materials Granule Mold Compound Product and Services
- Table 108. Jiangsu Hhck Advanced Materials Granule Mold Compound Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 109. Jiangsu Hhck Advanced Materials Recent Developments/Updates
- Table 110. Jiangsu Hhck Advanced Materials Competitive Strengths & Weaknesses
- Table 111. Jiangsu Zhongke Kehua Basic Information, Manufacturing Base and Competitors
- Table 112. Jiangsu Zhongke Kehua Major Business
- Table 113. Jiangsu Zhongke Kehua Granule Mold Compound Product and Services
- Table 114. Jiangsu Zhongke Kehua Granule Mold Compound Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 115. Jiangsu Zhongke Kehua Recent Developments/Updates
- Table 116. Jiangsu Zhongke Kehua Competitive Strengths & Weaknesses
- Table 117. Global Key Players of Granule Mold Compound Upstream (Raw Materials)

Table 118. Global Granule Mold Compound Typical Customers

Table 119. Granule Mold Compound Typical Distributors

List Of Figures

LIST OF FIGURES

- Figure 1. Granule Mold Compound Picture
- Figure 2. World Granule Mold Compound Production Value: 2021 & 2025 & 2032, (USD Million)
- Figure 3. World Granule Mold Compound Production Value and Forecast (2021-2032) & (USD Million)
- Figure 4. World Granule Mold Compound Production (2021-2032) & (Tons)
- Figure 5. World Granule Mold Compound Average Price (2021-2032) & (US\$/Ton)
- Figure 6. World Granule Mold Compound Production Value Market Share by Region (2021-2032)
- Figure 7. World Granule Mold Compound Production Market Share by Region (2021-2032)
- Figure 8. Japan Granule Mold Compound Production (2021-2032) & (Tons)
- Figure 9. China Granule Mold Compound Production (2021-2032) & (Tons)
- Figure 10. South Korea Granule Mold Compound Production (2021-2032) & (Tons)
- Figure 11. Granule Mold Compound Market Drivers
- Figure 12. Factors Affecting Demand
- Figure 13. World Granule Mold Compound Consumption (2021-2032) & (Tons)
- Figure 14. World Granule Mold Compound Consumption Market Share by Region (2021-2032)
- Figure 15. United States Granule Mold Compound Consumption (2021-2032) & (Tons)
- Figure 16. China Granule Mold Compound Consumption (2021-2032) & (Tons)
- Figure 17. Europe Granule Mold Compound Consumption (2021-2032) & (Tons)
- Figure 18. Japan Granule Mold Compound Consumption (2021-2032) & (Tons)
- Figure 19. South Korea Granule Mold Compound Consumption (2021-2032) & (Tons)
- Figure 20. ASEAN Granule Mold Compound Consumption (2021-2032) & (Tons)
- Figure 21. India Granule Mold Compound Consumption (2021-2032) & (Tons)
- Figure 22. Producer Shipments of Granule Mold Compound by Manufacturer Revenue (\$MM) and Market Share (%): 2025
- Figure 23. Global Four-firm Concentration Ratios (CR4) for Granule Mold Compound Markets in 2025
- Figure 24. Global Four-firm Concentration Ratios (CR8) for Granule Mold Compound Markets in 2025
- Figure 25. United States VS China: Granule Mold Compound Production Value Market Share Comparison (2021 & 2025 & 2032)
- Figure 26. United States VS China: Granule Mold Compound Production Market Share

Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Granule Mold Compound Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States Based Manufacturers Granule Mold Compound Production Market Share 2025

Figure 29. China Based Manufacturers Granule Mold Compound Production Market Share 2025

Figure 30. Rest of World Based Manufacturers Granule Mold Compound Production Market Share 2025

Figure 31. World Granule Mold Compound Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 32. World Granule Mold Compound Production Value Market Share by Type in 2025

Figure 33. Filler Content ?80%

Figure 34. Filler Content

I would like to order

Product name: Global Granule Mold Compound Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GD6A0198738FEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GD6A0198738FEN.html>