

Global Spin-on Carbon (SoC) Hardmask Material Market Research Report 2024(Status and Outlook)

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Abstracts

Report Overview:

Spin-on carbon (SOC) hardmasks are an increasingly key component of the micro-chip fabrication process. They are frequently used to improve the resists' selectivity to silicon during plasma etching. Spin-on hardmask materials are widely adopted as sacrificial layers to enable pattern transfer at high resolution and act as etch stopping layer or memory layer in multiple patterning technologies. Compared with typical CVD processes for thin film formation, spin-on materials offer superior gap-fill and planarization performance.

The Global Spin-on Carbon (SoC) Hardmask Material Market Size was estimated at USD 676.42 million in 2023 and is projected to reach USD 1140.69 million by 2029, exhibiting a CAGR of 9.10% during the forecast period.

This report provides a deep insight into the global Spin-on Carbon (SoC) Hardmask Material market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Spin-on Carbon (SoC) Hardmask Material Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the

main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Spin-on Carbon (SoC) Hardmask Material market in any manner.

Global Spin-on Carbon (SoC) Hardmask Material Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Samsung SDI

Merck Group

JSR

Brewer Science

Shin-Etsu MicroSi

YCCHEM

Nano-C

Irresistible Materials

NISSAN

Market Segmentation (by Type)

Thermoplastic Polymer

PGMEA or Cyclohexanone

Market Segmentation (by Application)

Semiconductors

DRAM

NAND

LCDs

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Spin-on Carbon (SoC) Hardmask Material Market

Overview of the regional outlook of the Spin-on Carbon (SoC) Hardmask Material Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Note: this report may need to undergo a final check or review and this could take about 48 hours.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Spin-on Carbon (SoC) Hardmask Material Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the Market's Competitive Landscape of the market and provides the market share, capacity, output, price, latest development plan,

merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of Spin-on Carbon (SoC) Hardmask Material
- 1.2 Key Market Segments
 - 1.2.1 Spin-on Carbon (SoC) Hardmask Material Segment by Type
 - 1.2.2 Spin-on Carbon (SoC) Hardmask Material Segment by Application
- 1.3 Methodology & Sources of Information
 - 1.3.1 Research Methodology
 - 1.3.2 Research Process
 - 1.3.3 Market Breakdown and Data Triangulation
 - 1.3.4 Base Year
 - 1.3.5 Report Assumptions & Caveats

2 SPIN-ON CARBON (SOC) HARDMASK MATERIAL MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global Spin-on Carbon (SoC) Hardmask Material Market Size (M USD) Estimates and Forecasts (2019-2030)
 - 2.1.2 Global Spin-on Carbon (SoC) Hardmask Material Sales Estimates and Forecasts (2019-2030)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 SPIN-ON CARBON (SOC) HARDMASK MATERIAL MARKET COMPETITIVE LANDSCAPE

- 3.1 Global Spin-on Carbon (SoC) Hardmask Material Sales by Manufacturers (2019-2024)
- 3.2 Global Spin-on Carbon (SoC) Hardmask Material Revenue Market Share by Manufacturers (2019-2024)
- 3.3 Spin-on Carbon (SoC) Hardmask Material Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.4 Global Spin-on Carbon (SoC) Hardmask Material Average Price by Manufacturers (2019-2024)
- 3.5 Manufacturers Spin-on Carbon (SoC) Hardmask Material Sales Sites, Area Served, Product Type
- 3.6 Spin-on Carbon (SoC) Hardmask Material Market Competitive Situation and Trends

- 3.6.1 Spin-on Carbon (SoC) Hardmask Material Market Concentration Rate
- 3.6.2 Global 5 and 10 Largest Spin-on Carbon (SoC) Hardmask Material Players Market Share by Revenue
- 3.6.3 Mergers & Acquisitions, Expansion

4 SPIN-ON CARBON (SOC) HARDMASK MATERIAL INDUSTRY CHAIN ANALYSIS

- 4.1 Spin-on Carbon (SoC) Hardmask Material Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF SPIN-ON CARBON (SOC) HARDMASK MATERIAL MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Market Restraints
- 5.5 Industry News
 - 5.5.1 New Product Developments
 - 5.5.2 Mergers & Acquisitions
 - 5.5.3 Expansions
 - 5.5.4 Collaboration/Supply Contracts
- 5.6 Industry Policies

6 SPIN-ON CARBON (SOC) HARDMASK MATERIAL MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Spin-on Carbon (SoC) Hardmask Material Sales Market Share by Type (2019-2024)
- 6.3 Global Spin-on Carbon (SoC) Hardmask Material Market Size Market Share by Type (2019-2024)
- 6.4 Global Spin-on Carbon (SoC) Hardmask Material Price by Type (2019-2024)

7 SPIN-ON CARBON (SOC) HARDMASK MATERIAL MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Spin-on Carbon (SoC) Hardmask Material Market Sales by Application (2019-2024)
- 7.3 Global Spin-on Carbon (SoC) Hardmask Material Market Size (M USD) by Application (2019-2024)
- 7.4 Global Spin-on Carbon (SoC) Hardmask Material Sales Growth Rate by Application (2019-2024)

8 SPIN-ON CARBON (SOC) HARDMASK MATERIAL MARKET SEGMENTATION BY REGION

- 8.1 Global Spin-on Carbon (SoC) Hardmask Material Sales by Region
 - 8.1.1 Global Spin-on Carbon (SoC) Hardmask Material Sales by Region
 - 8.1.2 Global Spin-on Carbon (SoC) Hardmask Material Sales Market Share by Region
- 8.2 North America
 - 8.2.1 North America Spin-on Carbon (SoC) Hardmask Material Sales by Country
 - 8.2.2 U.S.
 - 8.2.3 Canada
 - 8.2.4 Mexico
- 8.3 Europe
 - 8.3.1 Europe Spin-on Carbon (SoC) Hardmask Material Sales by Country
 - 8.3.2 Germany
 - 8.3.3 France
 - 8.3.4 U.K.
 - 8.3.5 Italy
 - 8.3.6 Russia
- 8.4 Asia Pacific
 - 8.4.1 Asia Pacific Spin-on Carbon (SoC) Hardmask Material Sales by Region
 - 8.4.2 China
 - 8.4.3 Japan
 - 8.4.4 South Korea
 - 8.4.5 India
 - 8.4.6 Southeast Asia
- 8.5 South America
 - 8.5.1 South America Spin-on Carbon (SoC) Hardmask Material Sales by Country
 - 8.5.2 Brazil
 - 8.5.3 Argentina
 - 8.5.4 Columbia
- 8.6 Middle East and Africa

8.6.1 Middle East and Africa Spin-on Carbon (SoC) Hardmask Material Sales by Region

8.6.2 Saudi Arabia

8.6.3 UAE

8.6.4 Egypt

8.6.5 Nigeria

8.6.6 South Africa

9 KEY COMPANIES PROFILE

9.1 Samsung SDI

9.1.1 Samsung SDI Spin-on Carbon (SoC) Hardmask Material Basic Information

9.1.2 Samsung SDI Spin-on Carbon (SoC) Hardmask Material Product Overview

9.1.3 Samsung SDI Spin-on Carbon (SoC) Hardmask Material Product Market Performance

9.1.4 Samsung SDI Business Overview

9.1.5 Samsung SDI Spin-on Carbon (SoC) Hardmask Material SWOT Analysis

9.1.6 Samsung SDI Recent Developments

9.2 Merck Group

9.2.1 Merck Group Spin-on Carbon (SoC) Hardmask Material Basic Information

9.2.2 Merck Group Spin-on Carbon (SoC) Hardmask Material Product Overview

9.2.3 Merck Group Spin-on Carbon (SoC) Hardmask Material Product Market Performance

9.2.4 Merck Group Business Overview

9.2.5 Merck Group Spin-on Carbon (SoC) Hardmask Material SWOT Analysis

9.2.6 Merck Group Recent Developments

9.3 JSR

9.3.1 JSR Spin-on Carbon (SoC) Hardmask Material Basic Information

9.3.2 JSR Spin-on Carbon (SoC) Hardmask Material Product Overview

9.3.3 JSR Spin-on Carbon (SoC) Hardmask Material Product Market Performance

9.3.4 JSR Spin-on Carbon (SoC) Hardmask Material SWOT Analysis

9.3.5 JSR Business Overview

9.3.6 JSR Recent Developments

9.4 Brewer Science

9.4.1 Brewer Science Spin-on Carbon (SoC) Hardmask Material Basic Information

9.4.2 Brewer Science Spin-on Carbon (SoC) Hardmask Material Product Overview

9.4.3 Brewer Science Spin-on Carbon (SoC) Hardmask Material Product Market Performance

9.4.4 Brewer Science Business Overview

9.4.5 Brewer Science Recent Developments

9.5 Shin-Etsu MicroSi

9.5.1 Shin-Etsu MicroSi Spin-on Carbon (SoC) Hardmask Material Basic Information

9.5.2 Shin-Etsu MicroSi Spin-on Carbon (SoC) Hardmask Material Product Overview

9.5.3 Shin-Etsu MicroSi Spin-on Carbon (SoC) Hardmask Material Product Market

Performance

9.5.4 Shin-Etsu MicroSi Business Overview

9.5.5 Shin-Etsu MicroSi Recent Developments

9.6 YCCHEM

9.6.1 YCCHEM Spin-on Carbon (SoC) Hardmask Material Basic Information

9.6.2 YCCHEM Spin-on Carbon (SoC) Hardmask Material Product Overview

9.6.3 YCCHEM Spin-on Carbon (SoC) Hardmask Material Product Market

Performance

9.6.4 YCCHEM Business Overview

9.6.5 YCCHEM Recent Developments

9.7 Nano-C

9.7.1 Nano-C Spin-on Carbon (SoC) Hardmask Material Basic Information

9.7.2 Nano-C Spin-on Carbon (SoC) Hardmask Material Product Overview

9.7.3 Nano-C Spin-on Carbon (SoC) Hardmask Material Product Market Performance

9.7.4 Nano-C Business Overview

9.7.5 Nano-C Recent Developments

9.8 Irresistible Materials

9.8.1 Irresistible Materials Spin-on Carbon (SoC) Hardmask Material Basic Information

9.8.2 Irresistible Materials Spin-on Carbon (SoC) Hardmask Material Product Overview

9.8.3 Irresistible Materials Spin-on Carbon (SoC) Hardmask Material Product Market

Performance

9.8.4 Irresistible Materials Business Overview

9.8.5 Irresistible Materials Recent Developments

9.9 NISSAN

9.9.1 NISSAN Spin-on Carbon (SoC) Hardmask Material Basic Information

9.9.2 NISSAN Spin-on Carbon (SoC) Hardmask Material Product Overview

9.9.3 NISSAN Spin-on Carbon (SoC) Hardmask Material Product Market Performance

9.9.4 NISSAN Business Overview

9.9.5 NISSAN Recent Developments

10 SPIN-ON CARBON (SOC) HARDMASK MATERIAL MARKET FORECAST BY REGION

10.1 Global Spin-on Carbon (SoC) Hardmask Material Market Size Forecast

10.2 Global Spin-on Carbon (SoC) Hardmask Material Market Forecast by Region

10.2.1 North America Market Size Forecast by Country

10.2.2 Europe Spin-on Carbon (SoC) Hardmask Material Market Size Forecast by Country

10.2.3 Asia Pacific Spin-on Carbon (SoC) Hardmask Material Market Size Forecast by Region

10.2.4 South America Spin-on Carbon (SoC) Hardmask Material Market Size Forecast by Country

10.2.5 Middle East and Africa Forecasted Consumption of Spin-on Carbon (SoC) Hardmask Material by Country

11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)

11.1 Global Spin-on Carbon (SoC) Hardmask Material Market Forecast by Type (2025-2030)

11.1.1 Global Forecasted Sales of Spin-on Carbon (SoC) Hardmask Material by Type (2025-2030)

11.1.2 Global Spin-on Carbon (SoC) Hardmask Material Market Size Forecast by Type (2025-2030)

11.1.3 Global Forecasted Price of Spin-on Carbon (SoC) Hardmask Material by Type (2025-2030)

11.2 Global Spin-on Carbon (SoC) Hardmask Material Market Forecast by Application (2025-2030)

11.2.1 Global Spin-on Carbon (SoC) Hardmask Material Sales (Kilotons) Forecast by Application

11.2.2 Global Spin-on Carbon (SoC) Hardmask Material Market Size (M USD) Forecast by Application (2025-2030)

12 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. Spin-on Carbon (SoC) Hardmask Material Market Size Comparison by Region (M USD)

Table 5. Global Spin-on Carbon (SoC) Hardmask Material Sales (Kilotons) by Manufacturers (2019-2024)

Table 6. Global Spin-on Carbon (SoC) Hardmask Material Sales Market Share by Manufacturers (2019-2024)

Table 7. Global Spin-on Carbon (SoC) Hardmask Material Revenue (M USD) by Manufacturers (2019-2024)

Table 8. Global Spin-on Carbon (SoC) Hardmask Material Revenue Share by Manufacturers (2019-2024)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Spin-on Carbon (SoC) Hardmask Material as of 2022)

Table 10. Global Market Spin-on Carbon (SoC) Hardmask Material Average Price (USD/Ton) of Key Manufacturers (2019-2024)

Table 11. Manufacturers Spin-on Carbon (SoC) Hardmask Material Sales Sites and Area Served

Table 12. Manufacturers Spin-on Carbon (SoC) Hardmask Material Product Type

Table 13. Global Spin-on Carbon (SoC) Hardmask Material Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of Spin-on Carbon (SoC) Hardmask Material

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Spin-on Carbon (SoC) Hardmask Material Market Challenges

Table 22. Global Spin-on Carbon (SoC) Hardmask Material Sales by Type (Kilotons)

Table 23. Global Spin-on Carbon (SoC) Hardmask Material Market Size by Type (M USD)

Table 24. Global Spin-on Carbon (SoC) Hardmask Material Sales (Kilotons) by Type (2019-2024)

Table 25. Global Spin-on Carbon (SoC) Hardmask Material Sales Market Share by Type (2019-2024)

Table 26. Global Spin-on Carbon (SoC) Hardmask Material Market Size (M USD) by Type (2019-2024)

Table 27. Global Spin-on Carbon (SoC) Hardmask Material Market Size Share by Type (2019-2024)

Table 28. Global Spin-on Carbon (SoC) Hardmask Material Price (USD/Ton) by Type (2019-2024)

Table 29. Global Spin-on Carbon (SoC) Hardmask Material Sales (Kilotons) by Application

Table 30. Global Spin-on Carbon (SoC) Hardmask Material Market Size by Application

Table 31. Global Spin-on Carbon (SoC) Hardmask Material Sales by Application (2019-2024) & (Kilotons)

Table 32. Global Spin-on Carbon (SoC) Hardmask Material Sales Market Share by Application (2019-2024)

Table 33. Global Spin-on Carbon (SoC) Hardmask Material Sales by Application (2019-2024) & (M USD)

Table 34. Global Spin-on Carbon (SoC) Hardmask Material Market Share by Application (2019-2024)

Table 35. Global Spin-on Carbon (SoC) Hardmask Material Sales Growth Rate by Application (2019-2024)

Table 36. Global Spin-on Carbon (SoC) Hardmask Material Sales by Region (2019-2024) & (Kilotons)

Table 37. Global Spin-on Carbon (SoC) Hardmask Material Sales Market Share by Region (2019-2024)

Table 38. North America Spin-on Carbon (SoC) Hardmask Material Sales by Country (2019-2024) & (Kilotons)

Table 39. Europe Spin-on Carbon (SoC) Hardmask Material Sales by Country (2019-2024) & (Kilotons)

Table 40. Asia Pacific Spin-on Carbon (SoC) Hardmask Material Sales by Region (2019-2024) & (Kilotons)

Table 41. South America Spin-on Carbon (SoC) Hardmask Material Sales by Country (2019-2024) & (Kilotons)

Table 42. Middle East and Africa Spin-on Carbon (SoC) Hardmask Material Sales by Region (2019-2024) & (Kilotons)

Table 43. Samsung SDI Spin-on Carbon (SoC) Hardmask Material Basic Information

Table 44. Samsung SDI Spin-on Carbon (SoC) Hardmask Material Product Overview

Table 45. Samsung SDI Spin-on Carbon (SoC) Hardmask Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)

- Table 46. Samsung SDI Business Overview
- Table 47. Samsung SDI Spin-on Carbon (SoC) Hardmask Material SWOT Analysis
- Table 48. Samsung SDI Recent Developments
- Table 49. Merck Group Spin-on Carbon (SoC) Hardmask Material Basic Information
- Table 50. Merck Group Spin-on Carbon (SoC) Hardmask Material Product Overview
- Table 51. Merck Group Spin-on Carbon (SoC) Hardmask Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 52. Merck Group Business Overview
- Table 53. Merck Group Spin-on Carbon (SoC) Hardmask Material SWOT Analysis
- Table 54. Merck Group Recent Developments
- Table 55. JSR Spin-on Carbon (SoC) Hardmask Material Basic Information
- Table 56. JSR Spin-on Carbon (SoC) Hardmask Material Product Overview
- Table 57. JSR Spin-on Carbon (SoC) Hardmask Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 58. JSR Spin-on Carbon (SoC) Hardmask Material SWOT Analysis
- Table 59. JSR Business Overview
- Table 60. JSR Recent Developments
- Table 61. Brewer Science Spin-on Carbon (SoC) Hardmask Material Basic Information
- Table 62. Brewer Science Spin-on Carbon (SoC) Hardmask Material Product Overview
- Table 63. Brewer Science Spin-on Carbon (SoC) Hardmask Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 64. Brewer Science Business Overview
- Table 65. Brewer Science Recent Developments
- Table 66. Shin-Etsu MicroSi Spin-on Carbon (SoC) Hardmask Material Basic Information
- Table 67. Shin-Etsu MicroSi Spin-on Carbon (SoC) Hardmask Material Product Overview
- Table 68. Shin-Etsu MicroSi Spin-on Carbon (SoC) Hardmask Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 69. Shin-Etsu MicroSi Business Overview
- Table 70. Shin-Etsu MicroSi Recent Developments
- Table 71. YCCHEM Spin-on Carbon (SoC) Hardmask Material Basic Information
- Table 72. YCCHEM Spin-on Carbon (SoC) Hardmask Material Product Overview
- Table 73. YCCHEM Spin-on Carbon (SoC) Hardmask Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 74. YCCHEM Business Overview
- Table 75. YCCHEM Recent Developments
- Table 76. Nano-C Spin-on Carbon (SoC) Hardmask Material Basic Information
- Table 77. Nano-C Spin-on Carbon (SoC) Hardmask Material Product Overview

- Table 78. Nano-C Spin-on Carbon (SoC) Hardmask Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 79. Nano-C Business Overview
- Table 80. Nano-C Recent Developments
- Table 81. Irresistible Materials Spin-on Carbon (SoC) Hardmask Material Basic Information
- Table 82. Irresistible Materials Spin-on Carbon (SoC) Hardmask Material Product Overview
- Table 83. Irresistible Materials Spin-on Carbon (SoC) Hardmask Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 84. Irresistible Materials Business Overview
- Table 85. Irresistible Materials Recent Developments
- Table 86. NISSAN Spin-on Carbon (SoC) Hardmask Material Basic Information
- Table 87. NISSAN Spin-on Carbon (SoC) Hardmask Material Product Overview
- Table 88. NISSAN Spin-on Carbon (SoC) Hardmask Material Sales (Kilotons), Revenue (M USD), Price (USD/Ton) and Gross Margin (2019-2024)
- Table 89. NISSAN Business Overview
- Table 90. NISSAN Recent Developments
- Table 91. Global Spin-on Carbon (SoC) Hardmask Material Sales Forecast by Region (2025-2030) & (Kilotons)
- Table 92. Global Spin-on Carbon (SoC) Hardmask Material Market Size Forecast by Region (2025-2030) & (M USD)
- Table 93. North America Spin-on Carbon (SoC) Hardmask Material Sales Forecast by Country (2025-2030) & (Kilotons)
- Table 94. North America Spin-on Carbon (SoC) Hardmask Material Market Size Forecast by Country (2025-2030) & (M USD)
- Table 95. Europe Spin-on Carbon (SoC) Hardmask Material Sales Forecast by Country (2025-2030) & (Kilotons)
- Table 96. Europe Spin-on Carbon (SoC) Hardmask Material Market Size Forecast by Country (2025-2030) & (M USD)
- Table 97. Asia Pacific Spin-on Carbon (SoC) Hardmask Material Sales Forecast by Region (2025-2030) & (Kilotons)
- Table 98. Asia Pacific Spin-on Carbon (SoC) Hardmask Material Market Size Forecast by Region (2025-2030) & (M USD)
- Table 99. South America Spin-on Carbon (SoC) Hardmask Material Sales Forecast by Country (2025-2030) & (Kilotons)
- Table 100. South America Spin-on Carbon (SoC) Hardmask Material Market Size Forecast by Country (2025-2030) & (M USD)
- Table 101. Middle East and Africa Spin-on Carbon (SoC) Hardmask Material

Consumption Forecast by Country (2025-2030) & (Units)

Table 102. Middle East and Africa Spin-on Carbon (SoC) Hardmask Material Market Size Forecast by Country (2025-2030) & (M USD)

Table 103. Global Spin-on Carbon (SoC) Hardmask Material Sales Forecast by Type (2025-2030) & (Kilotons)

Table 104. Global Spin-on Carbon (SoC) Hardmask Material Market Size Forecast by Type (2025-2030) & (M USD)

Table 105. Global Spin-on Carbon (SoC) Hardmask Material Price Forecast by Type (2025-2030) & (USD/Ton)

Table 106. Global Spin-on Carbon (SoC) Hardmask Material Sales (Kilotons) Forecast by Application (2025-2030)

Table 107. Global Spin-on Carbon (SoC) Hardmask Material Market Size Forecast by Application (2025-2030) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Spin-on Carbon (SoC) Hardmask Material
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Spin-on Carbon (SoC) Hardmask Material Market Size (M USD), 2019-2030
- Figure 5. Global Spin-on Carbon (SoC) Hardmask Material Market Size (M USD) (2019-2030)
- Figure 6. Global Spin-on Carbon (SoC) Hardmask Material Sales (Kilotons) & (2019-2030)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Spin-on Carbon (SoC) Hardmask Material Market Size by Country (M USD)
- Figure 11. Spin-on Carbon (SoC) Hardmask Material Sales Share by Manufacturers in 2023
- Figure 12. Global Spin-on Carbon (SoC) Hardmask Material Revenue Share by Manufacturers in 2023
- Figure 13. Spin-on Carbon (SoC) Hardmask Material Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023
- Figure 14. Global Market Spin-on Carbon (SoC) Hardmask Material Average Price (USD/Ton) of Key Manufacturers in 2023
- Figure 15. The Global 5 and 10 Largest Players: Market Share by Spin-on Carbon (SoC) Hardmask Material Revenue in 2023
- Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 17. Global Spin-on Carbon (SoC) Hardmask Material Market Share by Type
- Figure 18. Sales Market Share of Spin-on Carbon (SoC) Hardmask Material by Type (2019-2024)
- Figure 19. Sales Market Share of Spin-on Carbon (SoC) Hardmask Material by Type in 2023
- Figure 20. Market Size Share of Spin-on Carbon (SoC) Hardmask Material by Type (2019-2024)
- Figure 21. Market Size Market Share of Spin-on Carbon (SoC) Hardmask Material by Type in 2023
- Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 23. Global Spin-on Carbon (SoC) Hardmask Material Market Share by

Application

Figure 24. Global Spin-on Carbon (SoC) Hardmask Material Sales Market Share by Application (2019-2024)

Figure 25. Global Spin-on Carbon (SoC) Hardmask Material Sales Market Share by Application in 2023

Figure 26. Global Spin-on Carbon (SoC) Hardmask Material Market Share by Application (2019-2024)

Figure 27. Global Spin-on Carbon (SoC) Hardmask Material Market Share by Application in 2023

Figure 28. Global Spin-on Carbon (SoC) Hardmask Material Sales Growth Rate by Application (2019-2024)

Figure 29. Global Spin-on Carbon (SoC) Hardmask Material Sales Market Share by Region (2019-2024)

Figure 30. North America Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 31. North America Spin-on Carbon (SoC) Hardmask Material Sales Market Share by Country in 2023

Figure 32. U.S. Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 33. Canada Spin-on Carbon (SoC) Hardmask Material Sales (Kilotons) and Growth Rate (2019-2024)

Figure 34. Mexico Spin-on Carbon (SoC) Hardmask Material Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 36. Europe Spin-on Carbon (SoC) Hardmask Material Sales Market Share by Country in 2023

Figure 37. Germany Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 38. France Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 39. U.K. Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 40. Italy Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 41. Russia Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 42. Asia Pacific Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (Kilotons)

Figure 43. Asia Pacific Spin-on Carbon (SoC) Hardmask Material Sales Market Share by Region in 2023

Figure 44. China Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 45. Japan Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 46. South Korea Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 47. India Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 48. Southeast Asia Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 49. South America Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (Kilotons)

Figure 50. South America Spin-on Carbon (SoC) Hardmask Material Sales Market Share by Country in 2023

Figure 51. Brazil Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 52. Argentina Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 53. Columbia Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 54. Middle East and Africa Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (Kilotons)

Figure 55. Middle East and Africa Spin-on Carbon (SoC) Hardmask Material Sales Market Share by Region in 2023

Figure 56. Saudi Arabia Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 57. UAE Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 58. Egypt Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 59. Nigeria Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 60. South Africa Spin-on Carbon (SoC) Hardmask Material Sales and Growth Rate (2019-2024) & (Kilotons)

Figure 61. Global Spin-on Carbon (SoC) Hardmask Material Sales Forecast by Volume (2019-2030) & (Kilotons)

Figure 62. Global Spin-on Carbon (SoC) Hardmask Material Market Size Forecast by

Value (2019-2030) & (M USD)

Figure 63. Global Spin-on Carbon (SoC) Hardmask Material Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global Spin-on Carbon (SoC) Hardmask Material Market Share Forecast by Type (2025-2030)

Figure 65. Global Spin-on Carbon (SoC) Hardmask Material Sales Forecast by Application (2025-2030)

Figure 66. Global Spin-on Carbon (SoC) Hardmask Material Market Share Forecast by Application (2025-2030)

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