

# Global Spin-on-carbon Hard Mask Market Research Report 2024(Status and Outlook)

<https://marketpublishers.com/r/GE6F2A07C70DEN.html>

Date: July 2024

Pages: 113

Price: US\$ 3,200.00 (Single User License)

ID: GE6F2A07C70DEN

## Abstracts

### Report Overview

Spin-on-carbon (SOC) hardmasks can be used in multilayer lithography processes with high etch resistance, low cost of ownership, low defects, high alignment accuracy, good gap filling and topography planarization. SOC is a high carbon-containing polymer solution. As a coating material, the polymer needs to be dissolved in an organic solvent and insoluble in the upper layer of the coating after curing. The high carbon content (>80%) of the SOC is important for good etch resistance.

This report provides a deep insight into the global Spin-on-carbon Hard Mask 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, 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 Hard Mask 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 Hard Mask market in any manner.

## Global Spin-on-carbon Hard Mask 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

Merck Group

Samsung SDI

JSR

YCCHEM

Brewer Science

Nano-C

Shin-Etsu MicroSi

### Market Segmentation (by Type)

High Temperature Spin-on-carbon Hard Mask

Conventional Spin-on-carbon Hard Mask

### Market Segmentation (by Application)

Semiconductors

DRAM

NAND

LCD

### 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 Hard Mask Market

Overview of the regional outlook of the Spin-on-carbon Hard Mask 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.

## 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 Hard Mask 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 Hard Mask

1.2 Key Market Segments

1.2.1 Spin-on-carbon Hard Mask Segment by Type

1.2.2 Spin-on-carbon Hard Mask 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 HARD MASK MARKET OVERVIEW**

2.1 Global Market Overview

2.1.1 Global Spin-on-carbon Hard Mask Market Size (M USD) Estimates and Forecasts (2019-2030)

2.1.2 Global Spin-on-carbon Hard Mask Sales Estimates and Forecasts (2019-2030)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

### **3 SPIN-ON-CARBON HARD MASK MARKET COMPETITIVE LANDSCAPE**

3.1 Global Spin-on-carbon Hard Mask Sales by Manufacturers (2019-2024)

3.2 Global Spin-on-carbon Hard Mask Revenue Market Share by Manufacturers (2019-2024)

3.3 Spin-on-carbon Hard Mask Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global Spin-on-carbon Hard Mask Average Price by Manufacturers (2019-2024)

3.5 Manufacturers Spin-on-carbon Hard Mask Sales Sites, Area Served, Product Type

3.6 Spin-on-carbon Hard Mask Market Competitive Situation and Trends

3.6.1 Spin-on-carbon Hard Mask Market Concentration Rate

3.6.2 Global 5 and 10 Largest Spin-on-carbon Hard Mask Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

## **4 SPIN-ON-CARBON HARD MASK INDUSTRY CHAIN ANALYSIS**

- 4.1 Spin-on-carbon Hard Mask 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 HARD MASK 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 HARD MASK MARKET SEGMENTATION BY TYPE**

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Spin-on-carbon Hard Mask Sales Market Share by Type (2019-2024)
- 6.3 Global Spin-on-carbon Hard Mask Market Size Market Share by Type (2019-2024)
- 6.4 Global Spin-on-carbon Hard Mask Price by Type (2019-2024)

## **7 SPIN-ON-CARBON HARD MASK MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Spin-on-carbon Hard Mask Market Sales by Application (2019-2024)
- 7.3 Global Spin-on-carbon Hard Mask Market Size (M USD) by Application (2019-2024)
- 7.4 Global Spin-on-carbon Hard Mask Sales Growth Rate by Application (2019-2024)

## **8 SPIN-ON-CARBON HARD MASK MARKET SEGMENTATION BY REGION**

- 8.1 Global Spin-on-carbon Hard Mask Sales by Region
  - 8.1.1 Global Spin-on-carbon Hard Mask Sales by Region

- 8.1.2 Global Spin-on-carbon Hard Mask Sales Market Share by Region
- 8.2 North America
  - 8.2.1 North America Spin-on-carbon Hard Mask 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 Hard Mask 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 Hard Mask 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 Hard Mask 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 Hard Mask 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 Merck Group
  - 9.1.1 Merck Group Spin-on-carbon Hard Mask Basic Information
  - 9.1.2 Merck Group Spin-on-carbon Hard Mask Product Overview
  - 9.1.3 Merck Group Spin-on-carbon Hard Mask Product Market Performance

- 9.1.4 Merck Group Business Overview
- 9.1.5 Merck Group Spin-on-carbon Hard Mask SWOT Analysis
- 9.1.6 Merck Group Recent Developments
- 9.2 Samsung SDI
  - 9.2.1 Samsung SDI Spin-on-carbon Hard Mask Basic Information
  - 9.2.2 Samsung SDI Spin-on-carbon Hard Mask Product Overview
  - 9.2.3 Samsung SDI Spin-on-carbon Hard Mask Product Market Performance
  - 9.2.4 Samsung SDI Business Overview
  - 9.2.5 Samsung SDI Spin-on-carbon Hard Mask SWOT Analysis
  - 9.2.6 Samsung SDI Recent Developments
- 9.3 JSR
  - 9.3.1 JSR Spin-on-carbon Hard Mask Basic Information
  - 9.3.2 JSR Spin-on-carbon Hard Mask Product Overview
  - 9.3.3 JSR Spin-on-carbon Hard Mask Product Market Performance
  - 9.3.4 JSR Spin-on-carbon Hard Mask SWOT Analysis
  - 9.3.5 JSR Business Overview
  - 9.3.6 JSR Recent Developments
- 9.4 YCCHEM
  - 9.4.1 YCCHEM Spin-on-carbon Hard Mask Basic Information
  - 9.4.2 YCCHEM Spin-on-carbon Hard Mask Product Overview
  - 9.4.3 YCCHEM Spin-on-carbon Hard Mask Product Market Performance
  - 9.4.4 YCCHEM Business Overview
  - 9.4.5 YCCHEM Recent Developments
- 9.5 Brewer Science
  - 9.5.1 Brewer Science Spin-on-carbon Hard Mask Basic Information
  - 9.5.2 Brewer Science Spin-on-carbon Hard Mask Product Overview
  - 9.5.3 Brewer Science Spin-on-carbon Hard Mask Product Market Performance
  - 9.5.4 Brewer Science Business Overview
  - 9.5.5 Brewer Science Recent Developments
- 9.6 Nano-C
  - 9.6.1 Nano-C Spin-on-carbon Hard Mask Basic Information
  - 9.6.2 Nano-C Spin-on-carbon Hard Mask Product Overview
  - 9.6.3 Nano-C Spin-on-carbon Hard Mask Product Market Performance
  - 9.6.4 Nano-C Business Overview
  - 9.6.5 Nano-C Recent Developments
- 9.7 Shin-Etsu MicroSi
  - 9.7.1 Shin-Etsu MicroSi Spin-on-carbon Hard Mask Basic Information
  - 9.7.2 Shin-Etsu MicroSi Spin-on-carbon Hard Mask Product Overview
  - 9.7.3 Shin-Etsu MicroSi Spin-on-carbon Hard Mask Product Market Performance

- 9.7.4 Shin-Etsu MicroSi Business Overview
- 9.7.5 Shin-Etsu MicroSi Recent Developments

## **10 SPIN-ON-CARBON HARD MASK MARKET FORECAST BY REGION**

- 10.1 Global Spin-on-carbon Hard Mask Market Size Forecast
- 10.2 Global Spin-on-carbon Hard Mask Market Forecast by Region
  - 10.2.1 North America Market Size Forecast by Country
  - 10.2.2 Europe Spin-on-carbon Hard Mask Market Size Forecast by Country
  - 10.2.3 Asia Pacific Spin-on-carbon Hard Mask Market Size Forecast by Region
  - 10.2.4 South America Spin-on-carbon Hard Mask Market Size Forecast by Country
  - 10.2.5 Middle East and Africa Forecasted Consumption of Spin-on-carbon Hard Mask by Country

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

- 11.1 Global Spin-on-carbon Hard Mask Market Forecast by Type (2025-2030)
  - 11.1.1 Global Forecasted Sales of Spin-on-carbon Hard Mask by Type (2025-2030)
  - 11.1.2 Global Spin-on-carbon Hard Mask Market Size Forecast by Type (2025-2030)
  - 11.1.3 Global Forecasted Price of Spin-on-carbon Hard Mask by Type (2025-2030)
- 11.2 Global Spin-on-carbon Hard Mask Market Forecast by Application (2025-2030)
  - 11.2.1 Global Spin-on-carbon Hard Mask Sales (K Units) Forecast by Application
  - 11.2.2 Global Spin-on-carbon Hard Mask 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 Hard Mask Market Size Comparison by Region (M USD)
- Table 5. Global Spin-on-carbon Hard Mask Sales (K Units) by Manufacturers (2019-2024)
- Table 6. Global Spin-on-carbon Hard Mask Sales Market Share by Manufacturers (2019-2024)
- Table 7. Global Spin-on-carbon Hard Mask Revenue (M USD) by Manufacturers (2019-2024)
- Table 8. Global Spin-on-carbon Hard Mask 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 Hard Mask as of 2022)
- Table 10. Global Market Spin-on-carbon Hard Mask Average Price (USD/Unit) of Key Manufacturers (2019-2024)
- Table 11. Manufacturers Spin-on-carbon Hard Mask Sales Sites and Area Served
- Table 12. Manufacturers Spin-on-carbon Hard Mask Product Type
- Table 13. Global Spin-on-carbon Hard Mask Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 14. Mergers & Acquisitions, Expansion Plans
- Table 15. Industry Chain Map of Spin-on-carbon Hard Mask
- 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 Hard Mask Market Challenges
- Table 22. Global Spin-on-carbon Hard Mask Sales by Type (K Units)
- Table 23. Global Spin-on-carbon Hard Mask Market Size by Type (M USD)
- Table 24. Global Spin-on-carbon Hard Mask Sales (K Units) by Type (2019-2024)
- Table 25. Global Spin-on-carbon Hard Mask Sales Market Share by Type (2019-2024)
- Table 26. Global Spin-on-carbon Hard Mask Market Size (M USD) by Type (2019-2024)
- Table 27. Global Spin-on-carbon Hard Mask Market Size Share by Type (2019-2024)
- Table 28. Global Spin-on-carbon Hard Mask Price (USD/Unit) by Type (2019-2024)

- Table 29. Global Spin-on-carbon Hard Mask Sales (K Units) by Application
- Table 30. Global Spin-on-carbon Hard Mask Market Size by Application
- Table 31. Global Spin-on-carbon Hard Mask Sales by Application (2019-2024) & (K Units)
- Table 32. Global Spin-on-carbon Hard Mask Sales Market Share by Application (2019-2024)
- Table 33. Global Spin-on-carbon Hard Mask Sales by Application (2019-2024) & (M USD)
- Table 34. Global Spin-on-carbon Hard Mask Market Share by Application (2019-2024)
- Table 35. Global Spin-on-carbon Hard Mask Sales Growth Rate by Application (2019-2024)
- Table 36. Global Spin-on-carbon Hard Mask Sales by Region (2019-2024) & (K Units)
- Table 37. Global Spin-on-carbon Hard Mask Sales Market Share by Region (2019-2024)
- Table 38. North America Spin-on-carbon Hard Mask Sales by Country (2019-2024) & (K Units)
- Table 39. Europe Spin-on-carbon Hard Mask Sales by Country (2019-2024) & (K Units)
- Table 40. Asia Pacific Spin-on-carbon Hard Mask Sales by Region (2019-2024) & (K Units)
- Table 41. South America Spin-on-carbon Hard Mask Sales by Country (2019-2024) & (K Units)
- Table 42. Middle East and Africa Spin-on-carbon Hard Mask Sales by Region (2019-2024) & (K Units)
- Table 43. Merck Group Spin-on-carbon Hard Mask Basic Information
- Table 44. Merck Group Spin-on-carbon Hard Mask Product Overview
- Table 45. Merck Group Spin-on-carbon Hard Mask Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 46. Merck Group Business Overview
- Table 47. Merck Group Spin-on-carbon Hard Mask SWOT Analysis
- Table 48. Merck Group Recent Developments
- Table 49. Samsung SDI Spin-on-carbon Hard Mask Basic Information
- Table 50. Samsung SDI Spin-on-carbon Hard Mask Product Overview
- Table 51. Samsung SDI Spin-on-carbon Hard Mask Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 52. Samsung SDI Business Overview
- Table 53. Samsung SDI Spin-on-carbon Hard Mask SWOT Analysis
- Table 54. Samsung SDI Recent Developments
- Table 55. JSR Spin-on-carbon Hard Mask Basic Information
- Table 56. JSR Spin-on-carbon Hard Mask Product Overview

Table 57. JSR Spin-on-carbon Hard Mask Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 58. JSR Spin-on-carbon Hard Mask SWOT Analysis

Table 59. JSR Business Overview

Table 60. JSR Recent Developments

Table 61. YCCHEM Spin-on-carbon Hard Mask Basic Information

Table 62. YCCHEM Spin-on-carbon Hard Mask Product Overview

Table 63. YCCHEM Spin-on-carbon Hard Mask Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 64. YCCHEM Business Overview

Table 65. YCCHEM Recent Developments

Table 66. Brewer Science Spin-on-carbon Hard Mask Basic Information

Table 67. Brewer Science Spin-on-carbon Hard Mask Product Overview

Table 68. Brewer Science Spin-on-carbon Hard Mask Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 69. Brewer Science Business Overview

Table 70. Brewer Science Recent Developments

Table 71. Nano-C Spin-on-carbon Hard Mask Basic Information

Table 72. Nano-C Spin-on-carbon Hard Mask Product Overview

Table 73. Nano-C Spin-on-carbon Hard Mask Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 74. Nano-C Business Overview

Table 75. Nano-C Recent Developments

Table 76. Shin-Etsu MicroSi Spin-on-carbon Hard Mask Basic Information

Table 77. Shin-Etsu MicroSi Spin-on-carbon Hard Mask Product Overview

Table 78. Shin-Etsu MicroSi Spin-on-carbon Hard Mask Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 79. Shin-Etsu MicroSi Business Overview

Table 80. Shin-Etsu MicroSi Recent Developments

Table 81. Global Spin-on-carbon Hard Mask Sales Forecast by Region (2025-2030) & (K Units)

Table 82. Global Spin-on-carbon Hard Mask Market Size Forecast by Region (2025-2030) & (M USD)

Table 83. North America Spin-on-carbon Hard Mask Sales Forecast by Country (2025-2030) & (K Units)

Table 84. North America Spin-on-carbon Hard Mask Market Size Forecast by Country (2025-2030) & (M USD)

Table 85. Europe Spin-on-carbon Hard Mask Sales Forecast by Country (2025-2030) & (K Units)

Table 86. Europe Spin-on-carbon Hard Mask Market Size Forecast by Country (2025-2030) & (M USD)

Table 87. Asia Pacific Spin-on-carbon Hard Mask Sales Forecast by Region (2025-2030) & (K Units)

Table 88. Asia Pacific Spin-on-carbon Hard Mask Market Size Forecast by Region (2025-2030) & (M USD)

Table 89. South America Spin-on-carbon Hard Mask Sales Forecast by Country (2025-2030) & (K Units)

Table 90. South America Spin-on-carbon Hard Mask Market Size Forecast by Country (2025-2030) & (M USD)

Table 91. Middle East and Africa Spin-on-carbon Hard Mask Consumption Forecast by Country (2025-2030) & (Units)

Table 92. Middle East and Africa Spin-on-carbon Hard Mask Market Size Forecast by Country (2025-2030) & (M USD)

Table 93. Global Spin-on-carbon Hard Mask Sales Forecast by Type (2025-2030) & (K Units)

Table 94. Global Spin-on-carbon Hard Mask Market Size Forecast by Type (2025-2030) & (M USD)

Table 95. Global Spin-on-carbon Hard Mask Price Forecast by Type (2025-2030) & (USD/Unit)

Table 96. Global Spin-on-carbon Hard Mask Sales (K Units) Forecast by Application (2025-2030)

Table 97. Global Spin-on-carbon Hard Mask Market Size Forecast by Application (2025-2030) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Spin-on-carbon Hard Mask
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Spin-on-carbon Hard Mask Market Size (M USD), 2019-2030
- Figure 5. Global Spin-on-carbon Hard Mask Market Size (M USD) (2019-2030)
- Figure 6. Global Spin-on-carbon Hard Mask Sales (K Units) & (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 Hard Mask Market Size by Country (M USD)
- Figure 11. Spin-on-carbon Hard Mask Sales Share by Manufacturers in 2023
- Figure 12. Global Spin-on-carbon Hard Mask Revenue Share by Manufacturers in 2023
- Figure 13. Spin-on-carbon Hard Mask Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023
- Figure 14. Global Market Spin-on-carbon Hard Mask Average Price (USD/Unit) of Key Manufacturers in 2023
- Figure 15. The Global 5 and 10 Largest Players: Market Share by Spin-on-carbon Hard Mask Revenue in 2023
- Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 17. Global Spin-on-carbon Hard Mask Market Share by Type
- Figure 18. Sales Market Share of Spin-on-carbon Hard Mask by Type (2019-2024)
- Figure 19. Sales Market Share of Spin-on-carbon Hard Mask by Type in 2023
- Figure 20. Market Size Share of Spin-on-carbon Hard Mask by Type (2019-2024)
- Figure 21. Market Size Market Share of Spin-on-carbon Hard Mask by Type in 2023
- Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 23. Global Spin-on-carbon Hard Mask Market Share by Application
- Figure 24. Global Spin-on-carbon Hard Mask Sales Market Share by Application (2019-2024)
- Figure 25. Global Spin-on-carbon Hard Mask Sales Market Share by Application in 2023
- Figure 26. Global Spin-on-carbon Hard Mask Market Share by Application (2019-2024)
- Figure 27. Global Spin-on-carbon Hard Mask Market Share by Application in 2023
- Figure 28. Global Spin-on-carbon Hard Mask Sales Growth Rate by Application (2019-2024)
- Figure 29. Global Spin-on-carbon Hard Mask Sales Market Share by Region

(2019-2024)

Figure 30. North America Spin-on-carbon Hard Mask Sales and Growth Rate (2019-2024) & (K Units)

Figure 31. North America Spin-on-carbon Hard Mask Sales Market Share by Country in 2023

Figure 32. U.S. Spin-on-carbon Hard Mask Sales and Growth Rate (2019-2024) & (K Units)

Figure 33. Canada Spin-on-carbon Hard Mask Sales (K Units) and Growth Rate (2019-2024)

Figure 34. Mexico Spin-on-carbon Hard Mask Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe Spin-on-carbon Hard Mask Sales and Growth Rate (2019-2024) & (K Units)

Figure 36. Europe Spin-on-carbon Hard Mask Sales Market Share by Country in 2023

Figure 37. Germany Spin-on-carbon Hard Mask Sales and Growth Rate (2019-2024) & (K Units)

Figure 38. France Spin-on-carbon Hard Mask Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. U.K. Spin-on-carbon Hard Mask Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. Italy Spin-on-carbon Hard Mask Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Russia Spin-on-carbon Hard Mask Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Asia Pacific Spin-on-carbon Hard Mask Sales and Growth Rate (K Units)

Figure 43. Asia Pacific Spin-on-carbon Hard Mask Sales Market Share by Region in 2023

Figure 44. China Spin-on-carbon Hard Mask Sales and Growth Rate (2019-2024) & (K Units)

Figure 45. Japan Spin-on-carbon Hard Mask Sales and Growth Rate (2019-2024) & (K Units)

Figure 46. South Korea Spin-on-carbon Hard Mask Sales and Growth Rate (2019-2024) & (K Units)

Figure 47. India Spin-on-carbon Hard Mask Sales and Growth Rate (2019-2024) & (K Units)

Figure 48. Southeast Asia Spin-on-carbon Hard Mask Sales and Growth Rate (2019-2024) & (K Units)

Figure 49. South America Spin-on-carbon Hard Mask Sales and Growth Rate (K Units)

Figure 50. South America Spin-on-carbon Hard Mask Sales Market Share by Country in

2023

Figure 51. Brazil Spin-on-carbon Hard Mask Sales and Growth Rate (2019-2024) & (K Units)

Figure 52. Argentina Spin-on-carbon Hard Mask Sales and Growth Rate (2019-2024) & (K Units)

Figure 53. Columbia Spin-on-carbon Hard Mask Sales and Growth Rate (2019-2024) & (K Units)

Figure 54. Middle East and Africa Spin-on-carbon Hard Mask Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa Spin-on-carbon Hard Mask Sales Market Share by Region in 2023

Figure 56. Saudi Arabia Spin-on-carbon Hard Mask Sales and Growth Rate (2019-2024) & (K Units)

Figure 57. UAE Spin-on-carbon Hard Mask Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. Egypt Spin-on-carbon Hard Mask Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Nigeria Spin-on-carbon Hard Mask Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. South Africa Spin-on-carbon Hard Mask Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global Spin-on-carbon Hard Mask Sales Forecast by Volume (2019-2030) & (K Units)

Figure 62. Global Spin-on-carbon Hard Mask Market Size Forecast by Value (2019-2030) & (M USD)

Figure 63. Global Spin-on-carbon Hard Mask Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global Spin-on-carbon Hard Mask Market Share Forecast by Type (2025-2030)

Figure 65. Global Spin-on-carbon Hard Mask Sales Forecast by Application (2025-2030)

Figure 66. Global Spin-on-carbon Hard Mask Market Share Forecast by Application (2025-2030)

## I would like to order

Product name: Global Spin-on-carbon Hard Mask Market Research Report 2024(Status and Outlook)

Product link: <https://marketpublishers.com/r/GE6F2A07C70DEN.html>

Price: US\$ 3,200.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GE6F2A07C70DEN.html>