

Global Spin-on Carbon (SoC) Hardmask Material Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Spin-on Carbon (SoC) Hardmask Material market size is expected to reach \$ 1148.2 million by 2029, rising at a market growth of 8.7% CAGR during the forecast period (2023-2029).

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.

This report studies the global Spin-on Carbon (SoC) Hardmask Material production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Spin-on Carbon (SoC) Hardmask Material, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Spin-on Carbon (SoC) Hardmask Material that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Spin-on Carbon (SoC) Hardmask Material total production and demand, 2018-2029, (Tons)

Global Spin-on Carbon (SoC) Hardmask Material total production value, 2018-2029, (USD Million)

Global Spin-on Carbon (SoC) Hardmask Material production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Spin-on Carbon (SoC) Hardmask Material consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Spin-on Carbon (SoC) Hardmask Material domestic production, consumption, key domestic manufacturers and share

Global Spin-on Carbon (SoC) Hardmask Material production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Spin-on Carbon (SoC) Hardmask Material production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Spin-on Carbon (SoC) Hardmask Material production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Spin-on Carbon (SoC) Hardmask Material 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 Samsung SDI, Merck Group, JSR, Brewer Science, Shin-Etsu MicroSi, YCCHEM, Nano-C, Irresistible Materials and NISSAN, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Spin-on Carbon (SoC) Hardmask Material 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 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Spin-on Carbon (SoC) Hardmask Material Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Spin-on Carbon (SoC) Hardmask Material Market, Segmentation by Type

Thermoplastic Polymer

PGMEA or Cyclohexanone

Global Spin-on Carbon (SoC) Hardmask Material Market, Segmentation by Application

Semiconductors

DRAM

NAND

LCDs

Companies Profiled:

Samsung SDI

Merck Group

JSR

Brewer Science

Shin-Etsu MicroSi

YCCHEM

Nano-C

Irresistible Materials

NISSAN

Key Questions Answered

1. How big is the global Spin-on Carbon (SoC) Hardmask Material market?
2. What is the demand of the global Spin-on Carbon (SoC) Hardmask Material market?
3. What is the year over year growth of the global Spin-on Carbon (SoC) Hardmask Material market?
4. What is the production and production value of the global Spin-on Carbon (SoC) Hardmask Material market?
5. Who are the key producers in the global Spin-on Carbon (SoC) Hardmask Material market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Spin-on Carbon (SoC) Hardmask Material Introduction
- 1.2 World Spin-on Carbon (SoC) Hardmask Material Supply & Forecast
 - 1.2.1 World Spin-on Carbon (SoC) Hardmask Material Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Spin-on Carbon (SoC) Hardmask Material Production (2018-2029)
 - 1.2.3 World Spin-on Carbon (SoC) Hardmask Material Pricing Trends (2018-2029)
- 1.3 World Spin-on Carbon (SoC) Hardmask Material Production by Region (Based on Production Site)
 - 1.3.1 World Spin-on Carbon (SoC) Hardmask Material Production Value by Region (2018-2029)
 - 1.3.2 World Spin-on Carbon (SoC) Hardmask Material Production by Region (2018-2029)
 - 1.3.3 World Spin-on Carbon (SoC) Hardmask Material Average Price by Region (2018-2029)
 - 1.3.4 North America Spin-on Carbon (SoC) Hardmask Material Production (2018-2029)
 - 1.3.5 Europe Spin-on Carbon (SoC) Hardmask Material Production (2018-2029)
 - 1.3.6 China Spin-on Carbon (SoC) Hardmask Material Production (2018-2029)
 - 1.3.7 Japan Spin-on Carbon (SoC) Hardmask Material Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Spin-on Carbon (SoC) Hardmask Material Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Spin-on Carbon (SoC) Hardmask Material Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World Spin-on Carbon (SoC) Hardmask Material Demand (2018-2029)
- 2.2 World Spin-on Carbon (SoC) Hardmask Material Consumption by Region
 - 2.2.1 World Spin-on Carbon (SoC) Hardmask Material Consumption by Region (2018-2023)
 - 2.2.2 World Spin-on Carbon (SoC) Hardmask Material Consumption Forecast by Region (2024-2029)

- 2.3 United States Spin-on Carbon (SoC) Hardmask Material Consumption (2018-2029)
- 2.4 China Spin-on Carbon (SoC) Hardmask Material Consumption (2018-2029)
- 2.5 Europe Spin-on Carbon (SoC) Hardmask Material Consumption (2018-2029)
- 2.6 Japan Spin-on Carbon (SoC) Hardmask Material Consumption (2018-2029)
- 2.7 South Korea Spin-on Carbon (SoC) Hardmask Material Consumption (2018-2029)
- 2.8 ASEAN Spin-on Carbon (SoC) Hardmask Material Consumption (2018-2029)
- 2.9 India Spin-on Carbon (SoC) Hardmask Material Consumption (2018-2029)

3 WORLD SPIN-ON CARBON (SOC) HARDMASK MATERIAL MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Spin-on Carbon (SoC) Hardmask Material Production Value by Manufacturer (2018-2023)
- 3.2 World Spin-on Carbon (SoC) Hardmask Material Production by Manufacturer (2018-2023)
- 3.3 World Spin-on Carbon (SoC) Hardmask Material Average Price by Manufacturer (2018-2023)
- 3.4 Spin-on Carbon (SoC) Hardmask Material Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Spin-on Carbon (SoC) Hardmask Material Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Spin-on Carbon (SoC) Hardmask Material in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for Spin-on Carbon (SoC) Hardmask Material in 2022
- 3.6 Spin-on Carbon (SoC) Hardmask Material Market: Overall Company Footprint Analysis
 - 3.6.1 Spin-on Carbon (SoC) Hardmask Material Market: Region Footprint
 - 3.6.2 Spin-on Carbon (SoC) Hardmask Material Market: Company Product Type Footprint
 - 3.6.3 Spin-on Carbon (SoC) Hardmask Material 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: Spin-on Carbon (SoC) Hardmask Material Production Value Comparison

4.1.1 United States VS China: Spin-on Carbon (SoC) Hardmask Material Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Spin-on Carbon (SoC) Hardmask Material Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Spin-on Carbon (SoC) Hardmask Material Production Comparison

4.2.1 United States VS China: Spin-on Carbon (SoC) Hardmask Material Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Spin-on Carbon (SoC) Hardmask Material Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Spin-on Carbon (SoC) Hardmask Material Consumption Comparison

4.3.1 United States VS China: Spin-on Carbon (SoC) Hardmask Material Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Spin-on Carbon (SoC) Hardmask Material Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Spin-on Carbon (SoC) Hardmask Material Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Spin-on Carbon (SoC) Hardmask Material Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Spin-on Carbon (SoC) Hardmask Material Production Value (2018-2023)

4.4.3 United States Based Manufacturers Spin-on Carbon (SoC) Hardmask Material Production (2018-2023)

4.5 China Based Spin-on Carbon (SoC) Hardmask Material Manufacturers and Market Share

4.5.1 China Based Spin-on Carbon (SoC) Hardmask Material Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Spin-on Carbon (SoC) Hardmask Material Production Value (2018-2023)

4.5.3 China Based Manufacturers Spin-on Carbon (SoC) Hardmask Material Production (2018-2023)

4.6 Rest of World Based Spin-on Carbon (SoC) Hardmask Material Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Spin-on Carbon (SoC) Hardmask Material Manufacturers,

Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Spin-on Carbon (SoC) Hardmask Material Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Spin-on Carbon (SoC) Hardmask Material Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Spin-on Carbon (SoC) Hardmask Material Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Thermoplastic Polymer

5.2.2 PGMEA or Cyclohexanone

5.3 Market Segment by Type

5.3.1 World Spin-on Carbon (SoC) Hardmask Material Production by Type (2018-2029)

5.3.2 World Spin-on Carbon (SoC) Hardmask Material Production Value by Type (2018-2029)

5.3.3 World Spin-on Carbon (SoC) Hardmask Material Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Spin-on Carbon (SoC) Hardmask Material Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Semiconductors

6.2.2 DRAM

6.2.3 NAND

6.2.4 LCDs

6.3 Market Segment by Application

6.3.1 World Spin-on Carbon (SoC) Hardmask Material Production by Application (2018-2029)

6.3.2 World Spin-on Carbon (SoC) Hardmask Material Production Value by Application (2018-2029)

6.3.3 World Spin-on Carbon (SoC) Hardmask Material Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 Samsung SDI

7.1.1 Samsung SDI Details

7.1.2 Samsung SDI Major Business

7.1.3 Samsung SDI Spin-on Carbon (SoC) Hardmask Material Product and Services

7.1.4 Samsung SDI Spin-on Carbon (SoC) Hardmask Material Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Samsung SDI Recent Developments/Updates

7.1.6 Samsung SDI Competitive Strengths & Weaknesses

7.2 Merck Group

7.2.1 Merck Group Details

7.2.2 Merck Group Major Business

7.2.3 Merck Group Spin-on Carbon (SoC) Hardmask Material Product and Services

7.2.4 Merck Group Spin-on Carbon (SoC) Hardmask Material Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Merck Group Recent Developments/Updates

7.2.6 Merck Group Competitive Strengths & Weaknesses

7.3 JSR

7.3.1 JSR Details

7.3.2 JSR Major Business

7.3.3 JSR Spin-on Carbon (SoC) Hardmask Material Product and Services

7.3.4 JSR Spin-on Carbon (SoC) Hardmask Material Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 JSR Recent Developments/Updates

7.3.6 JSR Competitive Strengths & Weaknesses

7.4 Brewer Science

7.4.1 Brewer Science Details

7.4.2 Brewer Science Major Business

7.4.3 Brewer Science Spin-on Carbon (SoC) Hardmask Material Product and Services

7.4.4 Brewer Science Spin-on Carbon (SoC) Hardmask Material Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Brewer Science Recent Developments/Updates

7.4.6 Brewer Science Competitive Strengths & Weaknesses

7.5 Shin-Etsu MicroSi

7.5.1 Shin-Etsu MicroSi Details

7.5.2 Shin-Etsu MicroSi Major Business

7.5.3 Shin-Etsu MicroSi Spin-on Carbon (SoC) Hardmask Material Product and Services

7.5.4 Shin-Etsu MicroSi Spin-on Carbon (SoC) Hardmask Material Production, Price,

Value, Gross Margin and Market Share (2018-2023)

7.5.5 Shin-Etsu MicroSi Recent Developments/Updates

7.5.6 Shin-Etsu MicroSi Competitive Strengths & Weaknesses

7.6 YCCHEM

7.6.1 YCCHEM Details

7.6.2 YCCHEM Major Business

7.6.3 YCCHEM Spin-on Carbon (SoC) Hardmask Material Product and Services

7.6.4 YCCHEM Spin-on Carbon (SoC) Hardmask Material Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 YCCHEM Recent Developments/Updates

7.6.6 YCCHEM Competitive Strengths & Weaknesses

7.7 Nano-C

7.7.1 Nano-C Details

7.7.2 Nano-C Major Business

7.7.3 Nano-C Spin-on Carbon (SoC) Hardmask Material Product and Services

7.7.4 Nano-C Spin-on Carbon (SoC) Hardmask Material Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 Nano-C Recent Developments/Updates

7.7.6 Nano-C Competitive Strengths & Weaknesses

7.8 Irresistible Materials

7.8.1 Irresistible Materials Details

7.8.2 Irresistible Materials Major Business

7.8.3 Irresistible Materials Spin-on Carbon (SoC) Hardmask Material Product and Services

7.8.4 Irresistible Materials Spin-on Carbon (SoC) Hardmask Material Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 Irresistible Materials Recent Developments/Updates

7.8.6 Irresistible Materials Competitive Strengths & Weaknesses

7.9 NISSAN

7.9.1 NISSAN Details

7.9.2 NISSAN Major Business

7.9.3 NISSAN Spin-on Carbon (SoC) Hardmask Material Product and Services

7.9.4 NISSAN Spin-on Carbon (SoC) Hardmask Material Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 NISSAN Recent Developments/Updates

7.9.6 NISSAN Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 Spin-on Carbon (SoC) Hardmask Material Industry Chain
- 8.2 Spin-on Carbon (SoC) Hardmask Material Upstream Analysis
 - 8.2.1 Spin-on Carbon (SoC) Hardmask Material Core Raw Materials
 - 8.2.2 Main Manufacturers of Spin-on Carbon (SoC) Hardmask Material Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Spin-on Carbon (SoC) Hardmask Material Production Mode
- 8.6 Spin-on Carbon (SoC) Hardmask Material Procurement Model
- 8.7 Spin-on Carbon (SoC) Hardmask Material Industry Sales Model and Sales Channels
 - 8.7.1 Spin-on Carbon (SoC) Hardmask Material Sales Model
 - 8.7.2 Spin-on Carbon (SoC) Hardmask Material Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Spin-on Carbon (SoC) Hardmask Material Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Spin-on Carbon (SoC) Hardmask Material Production Value by Region (2018-2023) & (USD Million)

Table 3. World Spin-on Carbon (SoC) Hardmask Material Production Value by Region (2024-2029) & (USD Million)

Table 4. World Spin-on Carbon (SoC) Hardmask Material Production Value Market Share by Region (2018-2023)

Table 5. World Spin-on Carbon (SoC) Hardmask Material Production Value Market Share by Region (2024-2029)

Table 6. World Spin-on Carbon (SoC) Hardmask Material Production by Region (2018-2023) & (Tons)

Table 7. World Spin-on Carbon (SoC) Hardmask Material Production by Region (2024-2029) & (Tons)

Table 8. World Spin-on Carbon (SoC) Hardmask Material Production Market Share by Region (2018-2023)

Table 9. World Spin-on Carbon (SoC) Hardmask Material Production Market Share by Region (2024-2029)

Table 10. World Spin-on Carbon (SoC) Hardmask Material Average Price by Region (2018-2023) & (US\$/Ton)

Table 11. World Spin-on Carbon (SoC) Hardmask Material Average Price by Region (2024-2029) & (US\$/Ton)

Table 12. Spin-on Carbon (SoC) Hardmask Material Major Market Trends

Table 13. World Spin-on Carbon (SoC) Hardmask Material Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Tons)

Table 14. World Spin-on Carbon (SoC) Hardmask Material Consumption by Region (2018-2023) & (Tons)

Table 15. World Spin-on Carbon (SoC) Hardmask Material Consumption Forecast by Region (2024-2029) & (Tons)

Table 16. World Spin-on Carbon (SoC) Hardmask Material Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Spin-on Carbon (SoC) Hardmask Material Producers in 2022

Table 18. World Spin-on Carbon (SoC) Hardmask Material Production by Manufacturer (2018-2023) & (Tons)

Table 19. Production Market Share of Key Spin-on Carbon (SoC) Hardmask Material Producers in 2022

Table 20. World Spin-on Carbon (SoC) Hardmask Material Average Price by Manufacturer (2018-2023) & (US\$/Ton)

Table 21. Global Spin-on Carbon (SoC) Hardmask Material Company Evaluation Quadrant

Table 22. World Spin-on Carbon (SoC) Hardmask Material Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Spin-on Carbon (SoC) Hardmask Material Production Site of Key Manufacturer

Table 24. Spin-on Carbon (SoC) Hardmask Material Market: Company Product Type Footprint

Table 25. Spin-on Carbon (SoC) Hardmask Material Market: Company Product Application Footprint

Table 26. Spin-on Carbon (SoC) Hardmask Material Competitive Factors

Table 27. Spin-on Carbon (SoC) Hardmask Material New Entrant and Capacity Expansion Plans

Table 28. Spin-on Carbon (SoC) Hardmask Material Mergers & Acquisitions Activity

Table 29. United States VS China Spin-on Carbon (SoC) Hardmask Material Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Spin-on Carbon (SoC) Hardmask Material Production Comparison, (2018 & 2022 & 2029) & (Tons)

Table 31. United States VS China Spin-on Carbon (SoC) Hardmask Material Consumption Comparison, (2018 & 2022 & 2029) & (Tons)

Table 32. United States Based Spin-on Carbon (SoC) Hardmask Material Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Spin-on Carbon (SoC) Hardmask Material Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Spin-on Carbon (SoC) Hardmask Material Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Spin-on Carbon (SoC) Hardmask Material Production (2018-2023) & (Tons)

Table 36. United States Based Manufacturers Spin-on Carbon (SoC) Hardmask Material Production Market Share (2018-2023)

Table 37. China Based Spin-on Carbon (SoC) Hardmask Material Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Spin-on Carbon (SoC) Hardmask Material Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Spin-on Carbon (SoC) Hardmask Material

Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Spin-on Carbon (SoC) Hardmask Material Production (2018-2023) & (Tons)

Table 41. China Based Manufacturers Spin-on Carbon (SoC) Hardmask Material Production Market Share (2018-2023)

Table 42. Rest of World Based Spin-on Carbon (SoC) Hardmask Material Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Spin-on Carbon (SoC) Hardmask Material Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Spin-on Carbon (SoC) Hardmask Material Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Spin-on Carbon (SoC) Hardmask Material Production (2018-2023) & (Tons)

Table 46. Rest of World Based Manufacturers Spin-on Carbon (SoC) Hardmask Material Production Market Share (2018-2023)

Table 47. World Spin-on Carbon (SoC) Hardmask Material Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Spin-on Carbon (SoC) Hardmask Material Production by Type (2018-2023) & (Tons)

Table 49. World Spin-on Carbon (SoC) Hardmask Material Production by Type (2024-2029) & (Tons)

Table 50. World Spin-on Carbon (SoC) Hardmask Material Production Value by Type (2018-2023) & (USD Million)

Table 51. World Spin-on Carbon (SoC) Hardmask Material Production Value by Type (2024-2029) & (USD Million)

Table 52. World Spin-on Carbon (SoC) Hardmask Material Average Price by Type (2018-2023) & (US\$/Ton)

Table 53. World Spin-on Carbon (SoC) Hardmask Material Average Price by Type (2024-2029) & (US\$/Ton)

Table 54. World Spin-on Carbon (SoC) Hardmask Material Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Spin-on Carbon (SoC) Hardmask Material Production by Application (2018-2023) & (Tons)

Table 56. World Spin-on Carbon (SoC) Hardmask Material Production by Application (2024-2029) & (Tons)

Table 57. World Spin-on Carbon (SoC) Hardmask Material Production Value by Application (2018-2023) & (USD Million)

Table 58. World Spin-on Carbon (SoC) Hardmask Material Production Value by Application (2024-2029) & (USD Million)

Table 59. World Spin-on Carbon (SoC) Hardmask Material Average Price by Application (2018-2023) & (US\$/Ton)

Table 60. World Spin-on Carbon (SoC) Hardmask Material Average Price by Application (2024-2029) & (US\$/Ton)

Table 61. Samsung SDI Basic Information, Manufacturing Base and Competitors

Table 62. Samsung SDI Major Business

Table 63. Samsung SDI Spin-on Carbon (SoC) Hardmask Material Product and Services

Table 64. Samsung SDI Spin-on Carbon (SoC) Hardmask Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Samsung SDI Recent Developments/Updates

Table 66. Samsung SDI Competitive Strengths & Weaknesses

Table 67. Merck Group Basic Information, Manufacturing Base and Competitors

Table 68. Merck Group Major Business

Table 69. Merck Group Spin-on Carbon (SoC) Hardmask Material Product and Services

Table 70. Merck Group Spin-on Carbon (SoC) Hardmask Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Merck Group Recent Developments/Updates

Table 72. Merck Group Competitive Strengths & Weaknesses

Table 73. JSR Basic Information, Manufacturing Base and Competitors

Table 74. JSR Major Business

Table 75. JSR Spin-on Carbon (SoC) Hardmask Material Product and Services

Table 76. JSR Spin-on Carbon (SoC) Hardmask Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. JSR Recent Developments/Updates

Table 78. JSR Competitive Strengths & Weaknesses

Table 79. Brewer Science Basic Information, Manufacturing Base and Competitors

Table 80. Brewer Science Major Business

Table 81. Brewer Science Spin-on Carbon (SoC) Hardmask Material Product and Services

Table 82. Brewer Science Spin-on Carbon (SoC) Hardmask Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Brewer Science Recent Developments/Updates

Table 84. Brewer Science Competitive Strengths & Weaknesses

Table 85. Shin-Etsu MicroSi Basic Information, Manufacturing Base and Competitors

Table 86. Shin-Etsu MicroSi Major Business

Table 87. Shin-Etsu MicroSi Spin-on Carbon (SoC) Hardmask Material Product and Services

Table 88. Shin-Etsu MicroSi Spin-on Carbon (SoC) Hardmask Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Shin-Etsu MicroSi Recent Developments/Updates

Table 90. Shin-Etsu MicroSi Competitive Strengths & Weaknesses

Table 91. YCCHEM Basic Information, Manufacturing Base and Competitors

Table 92. YCCHEM Major Business

Table 93. YCCHEM Spin-on Carbon (SoC) Hardmask Material Product and Services

Table 94. YCCHEM Spin-on Carbon (SoC) Hardmask Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. YCCHEM Recent Developments/Updates

Table 96. YCCHEM Competitive Strengths & Weaknesses

Table 97. Nano-C Basic Information, Manufacturing Base and Competitors

Table 98. Nano-C Major Business

Table 99. Nano-C Spin-on Carbon (SoC) Hardmask Material Product and Services

Table 100. Nano-C Spin-on Carbon (SoC) Hardmask Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Nano-C Recent Developments/Updates

Table 102. Nano-C Competitive Strengths & Weaknesses

Table 103. Irresistible Materials Basic Information, Manufacturing Base and Competitors

Table 104. Irresistible Materials Major Business

Table 105. Irresistible Materials Spin-on Carbon (SoC) Hardmask Material Product and Services

Table 106. Irresistible Materials Spin-on Carbon (SoC) Hardmask Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Irresistible Materials Recent Developments/Updates

Table 108. NISSAN Basic Information, Manufacturing Base and Competitors

Table 109. NISSAN Major Business

Table 110. NISSAN Spin-on Carbon (SoC) Hardmask Material Product and Services

Table 111. NISSAN Spin-on Carbon (SoC) Hardmask Material Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 112. Global Key Players of Spin-on Carbon (SoC) Hardmask Material Upstream

(Raw Materials)

Table 113. Spin-on Carbon (SoC) Hardmask Material Typical Customers

Table 114. Spin-on Carbon (SoC) Hardmask Material Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Spin-on Carbon (SoC) Hardmask Material Picture

Figure 2. World Spin-on Carbon (SoC) Hardmask Material Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Spin-on Carbon (SoC) Hardmask Material Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Spin-on Carbon (SoC) Hardmask Material Production (2018-2029) & (Tons)

Figure 5. World Spin-on Carbon (SoC) Hardmask Material Average Price (2018-2029) & (US\$/Ton)

Figure 6. World Spin-on Carbon (SoC) Hardmask Material Production Value Market Share by Region (2018-2029)

Figure 7. World Spin-on Carbon (SoC) Hardmask Material Production Market Share by Region (2018-2029)

Figure 8. North America Spin-on Carbon (SoC) Hardmask Material Production (2018-2029) & (Tons)

Figure 9. Europe Spin-on Carbon (SoC) Hardmask Material Production (2018-2029) & (Tons)

Figure 10. China Spin-on Carbon (SoC) Hardmask Material Production (2018-2029) & (Tons)

Figure 11. Japan Spin-on Carbon (SoC) Hardmask Material Production (2018-2029) & (Tons)

Figure 12. Spin-on Carbon (SoC) Hardmask Material Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Spin-on Carbon (SoC) Hardmask Material Consumption (2018-2029) & (Tons)

Figure 15. World Spin-on Carbon (SoC) Hardmask Material Consumption Market Share by Region (2018-2029)

Figure 16. United States Spin-on Carbon (SoC) Hardmask Material Consumption (2018-2029) & (Tons)

Figure 17. China Spin-on Carbon (SoC) Hardmask Material Consumption (2018-2029) & (Tons)

Figure 18. Europe Spin-on Carbon (SoC) Hardmask Material Consumption (2018-2029) & (Tons)

Figure 19. Japan Spin-on Carbon (SoC) Hardmask Material Consumption (2018-2029) & (Tons)

Figure 20. South Korea Spin-on Carbon (SoC) Hardmask Material Consumption (2018-2029) & (Tons)

Figure 21. ASEAN Spin-on Carbon (SoC) Hardmask Material Consumption (2018-2029) & (Tons)

Figure 22. India Spin-on Carbon (SoC) Hardmask Material Consumption (2018-2029) & (Tons)

Figure 23. Producer Shipments of Spin-on Carbon (SoC) Hardmask Material by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Spin-on Carbon (SoC) Hardmask Material Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Spin-on Carbon (SoC) Hardmask Material Markets in 2022

Figure 26. United States VS China: Spin-on Carbon (SoC) Hardmask Material Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Spin-on Carbon (SoC) Hardmask Material Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Spin-on Carbon (SoC) Hardmask Material Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Spin-on Carbon (SoC) Hardmask Material Production Market Share 2022

Figure 30. China Based Manufacturers Spin-on Carbon (SoC) Hardmask Material Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Spin-on Carbon (SoC) Hardmask Material Production Market Share 2022

Figure 32. World Spin-on Carbon (SoC) Hardmask Material Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Spin-on Carbon (SoC) Hardmask Material Production Value Market Share by Type in 2022

Figure 34. Thermoplastic Polymer

Figure 35. PGMEA or Cyclohexanone

Figure 36. World Spin-on Carbon (SoC) Hardmask Material Production Market Share by Type (2018-2029)

Figure 37. World Spin-on Carbon (SoC) Hardmask Material Production Value Market Share by Type (2018-2029)

Figure 38. World Spin-on Carbon (SoC) Hardmask Material Average Price by Type (2018-2029) & (US\$/Ton)

Figure 39. World Spin-on Carbon (SoC) Hardmask Material Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 40. World Spin-on Carbon (SoC) Hardmask Material Production Value Market

Share by Application in 2022

Figure 41. Semiconductors

Figure 42. DRAM

Figure 43. NAND

Figure 44. LCDs

Figure 45. World Spin-on Carbon (SoC) Hardmask Material Production Market Share by Application (2018-2029)

Figure 46. World Spin-on Carbon (SoC) Hardmask Material Production Value Market Share by Application (2018-2029)

Figure 47. World Spin-on Carbon (SoC) Hardmask Material Average Price by Application (2018-2029) & (US\$/Ton)

Figure 48. Spin-on Carbon (SoC) Hardmask Material Industry Chain

Figure 49. Spin-on Carbon (SoC) Hardmask Material Procurement Model

Figure 50. Spin-on Carbon (SoC) Hardmask Material Sales Model

Figure 51. Spin-on Carbon (SoC) Hardmask Material Sales Channels, Direct Sales, and Distribution

Figure 52. Methodology

Figure 53. Research Process and Data Source

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