

Asia Pacific Semiconductor Chemicals Market Size study, by Type (High-performance Polymers, Acid & Base Chemicals, Adhesives, Solvents, Others) by End-use (Integrated Circuits, Discrete Semiconductor, Optoelectronics, Sensors) and Country Forecasts 2022-2032

<https://marketpublishers.com/r/A22A6C215FB2EN.html>

Date: June 2024

Pages: 200

Price: US\$ 3,218.00 (Single User License)

ID: A22A6C215FB2EN

Abstracts

Asia Pacific Semiconductor Chemicals Market is valued approximately USD 5.27 Billion in 2023 and is anticipated to grow with a healthy growth rate of more than 13.10% over the forecast period 2024-2032. Semiconductor chemicals are essential materials utilized in the production processes of semiconductors, integral components of electronic devices. These chemicals serve critical functions at various stages of semiconductor fabrication, including cleaning, etching, deposition, and polishing. They are meticulously formulated to meet stringent purity and performance standards, ensuring precise manufacturing and minimizing defects in semiconductor components. Semiconductor chemicals encompass a diverse range of substances, including acids, solvents, gases, dopants, and photoresists, each tailored to specific applications within the semiconductor industry. The Asia Pacific region is known for its rapid technological innovation and adoption. Companies in the region are embracing new technologies and processes, and the demand for advanced semiconductor chemicals to support these innovations in the Asia Pacific Semiconductor Chemicals Market.

The Asia Pacific Semiconductor Chemicals Market is witnessing rapid growth in the semiconductor industry, driven by increasing demand for electronic devices, expansion of semiconductor manufacturing facilities, and technological advancements. This growth fuels the demand for semiconductor chemicals used in various fabrication processes. Furthermore, the market is driven by the growing adoption of advanced semiconductor

technologies, expansion of semiconductor manufacturing facilities and increasing investment in research and development. However, volatility in semiconductor prices, on the other hand, would stifle market growth between 2022 and 2032.

The key Countries considered for the Asia Pacific Semiconductor Chemicals market study includes China, India, Japan, South Korea, Australia and Rest of Asia Pacific. In 2023, China was the largest regional market share. China has witnessed significant growth in its semiconductor industry, driven by increasing demand for electronic devices, government initiatives to promote domestic semiconductor manufacturing, and investments in research and development (R&D). This expansion is fueling the demand for semiconductor chemicals used in various manufacturing processes. The market in South Korea, on the other hand, is expected to develop at the fastest rate over the forecast period.

Major market player included in this report are:

Shin-Etsu Chemical Co., Ltd
JSR Corporation
Tokyo Ohka Kogyo Co., Ltd.
Showa Denko K.K.
Fujifilm Holdings Corporation
Sumitomo Chemical Co., Ltd.
Mitsubishi Chemical Corporation
Toray Industries, Inc.
Asahi Kasei Corporation
LG Chem, Ltd.

The detailed segments and sub-segment of the market are explained below:

By Type

High-performance Polymers
Acid & Base Chemicals
Adhesives
Solvents
Others

By End Use

Integrated Circuits
Discrete Semiconductor

Optoelectronics

Sensors

By Region:

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market

Contents

CHAPTER 1. ASIA PACIFIC SEMICONDUCTOR CHEMICALS MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 1.1. Research Objective
- 1.2. Market Definition
- 1.3. Research Assumptions
 - 1.3.1. Inclusion & Exclusion
 - 1.3.2. Limitations
 - 1.3.3. Supply Side Analysis
 - 1.3.3.1. Availability
 - 1.3.3.2. Infrastructure
 - 1.3.3.3. Regulatory Environment
 - 1.3.3.4. Market Competition
 - 1.3.3.5. Economic Viability (Consumer's Perspective)
 - 1.3.4. Demand Side Analysis
 - 1.3.4.1. Regulatory frameworks
 - 1.3.4.2. Technological Advancements
 - 1.3.4.3. Environmental Considerations
 - 1.3.4.4. Consumer Awareness & Acceptance
- 1.4. Estimation Methodology
- 1.5. Years Considered for the Study
- 1.6. Currency Conversion Rates

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Asia Pacific Semiconductor Chemicals Market Size & Forecast (2022- 2032)
- 2.2. Regional Summary
- 2.3. Segmental Summary
 - 2.3.1. By Type
 - 2.3.2. By End-use
- 2.4. Key Trends
- 2.5. Recession Impact
- 2.6. Analyst Recommendation & Conclusion

CHAPTER 3. ASIA PACIFIC SEMICONDUCTOR CHEMICALS MARKET DYNAMICS

- 3.1. Market Drivers

- 3.2. Market Challenges
- 3.3. Market Opportunities

CHAPTER 4. ASIA PACIFIC SEMICONDUCTOR CHEMICALS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model
 - 4.1.7. Porter's 5 Force Impact Analysis
- 4.2. PESTEL Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
 - 4.2.5. Environmental
 - 4.2.6. Legal
- 4.3. Top investment opportunity
- 4.4. Top winning strategies
- 4.5. Disruptive Trends
- 4.6. Industry Expert Perspective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. ASIA PACIFIC SEMICONDUCTOR CHEMICALS MARKET SIZE & FORECASTS BY TYPE 2022-2032

- 5.1. High-performance Polymers
- 5.2. Acid & Base Chemicals
- 5.3. Adhesives
- 5.4. Solvents
- 5.5. Others

CHAPTER 6. ASIA PACIFIC SEMICONDUCTOR CHEMICALS MARKET SIZE & FORECASTS BY END-USE 2022-2032

- 6.1. Integrated Circuits
- 6.2. Discrete Semiconductor
- 6.3. Optoelectronics
- 6.4. Sensors

CHAPTER 7. ASIA PACIFIC SEMICONDUCTOR CHEMICALS MARKET SIZE & FORECASTS BY COUNTRY 2022-2032

- 7.1. China Semiconductor Chemicals Market
 - 7.1.1. Type breakdown size & forecasts, 2022-2032
 - 7.1.2. End-use breakdown size & forecasts, 2022-2032
- 7.2. India Semiconductor Chemicals Market
- 7.3. Japan Semiconductor Chemicals Market
- 7.4. Australia Semiconductor Chemicals Market
- 7.5. South Korea Semiconductor Chemicals Market
- 7.6. Rest of Asia Pacific Semiconductor Chemicals Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Key Company SWOT Analysis
 - 8.1.1. Company
 - 8.1.2. Company
 - 8.1.3. Company
- 8.2. Top Market Strategies
- 8.3. Company Profiles
 - 8.3.1. Shin-Etsu Chemical Co., Ltd
 - 8.3.1.1. Key Information
 - 8.3.1.2. Overview
 - 8.3.1.3. Financial (Subject to Data Availability)
 - 8.3.1.4. Product Summary
 - 8.3.1.5. Market Strategies
 - 8.3.2. JSR Corporation
 - 8.3.3. Tokyo Ohka Kogyo Co., Ltd.
 - 8.3.4. Showa Denko K.K.
 - 8.3.5. Fujifilm Holdings Corporation
 - 8.3.6. Sumitomo Chemical Co., Ltd.
 - 8.3.7. Mitsubishi Chemical Corporation
 - 8.3.8. Toray Industries, Inc.
 - 8.3.9. Asahi Kasei Corporation

8.3.10. LG Chem, Ltd.

CHAPTER 9. RESEARCH PROCESS

9.1. Research Process

9.1.1. Data Mining

9.1.2. Analysis

9.1.3. Market Estimation

9.1.4. Validation

9.1.5. Publishing

9.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Asia Pacific Semiconductor Chemicals market, report scope

TABLE 2. Asia Pacific Semiconductor Chemicals market estimates & forecasts by Country 2022-2032 (USD Billion)

TABLE 3. Asia Pacific Semiconductor Chemicals market estimates & forecasts by Type 2022-2032 (USD Billion)

TABLE 4. Asia Pacific Semiconductor Chemicals market estimates & forecasts by End-use 2022-2032 (USD Billion)

TABLE 5. Asia Pacific Semiconductor Chemicals market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 6. Asia Pacific Semiconductor Chemicals market by country, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 7. Asia Pacific Semiconductor Chemicals market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 8. Asia Pacific Semiconductor Chemicals market by country, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 9. Asia Pacific Semiconductor Chemicals market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 10. Asia Pacific Semiconductor Chemicals market by country, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 11. Asia Pacific Semiconductor Chemicals market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 12. Asia Pacific Semiconductor Chemicals market by country, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 13. Asia Pacific Semiconductor Chemicals market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 14. Asia Pacific Semiconductor Chemicals market by country, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 15. China Semiconductor Chemicals market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 16. China Semiconductor Chemicals market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 17. China Semiconductor Chemicals market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 18. India Semiconductor Chemicals market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 19. India Semiconductor Chemicals market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 20. India Semiconductor Chemicals market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 21. Japan Semiconductor Chemicals market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 22. Japan Semiconductor Chemicals market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 23. Japan Semiconductor Chemicals market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 24. Australia Semiconductor Chemicals market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 25. Australia Semiconductor Chemicals market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 26. Australia Semiconductor Chemicals market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 27. South Korea Semiconductor Chemicals market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 28. South Korea Semiconductor Chemicals market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 29. South Korea Semiconductor Chemicals market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 30.

TABLE 31. RoAPAC Semiconductor Chemicals market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 32. RoAPAC Semiconductor Chemicals market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 33. RoAPAC Semiconductor Chemicals market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 34. List of secondary sources, used in the study of Asia Pacific Semiconductor Chemicals Market.

TABLE 35. List of primary sources, used in the study of Asia Pacific Semiconductor Chemicals Market.

TABLE 36. Years considered for the study.

TABLE 37. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Asia Pacific Semiconductor Chemicals market, research methodology
- FIG 2. Asia Pacific Semiconductor Chemicals market, market estimation techniques
- FIG 3. Asia Pacific market size estimates & forecast methods.
- FIG 4. Asia Pacific Semiconductor Chemicals market, key trends 2023
- FIG 5. Asia Pacific Semiconductor Chemicals market, growth prospects 2022-2032
- FIG 6. Asia Pacific Semiconductor Chemicals market, porters 5 force model
- FIG 7. Asia Pacific Semiconductor Chemicals market, pestel analysis
- FIG 8. Asia Pacific Semiconductor Chemicals market, value chain analysis
- FIG 9. Asia Pacific Semiconductor Chemicals market by segment, 2022 & 2032 (USD Billion)
- FIG 10. Asia Pacific Semiconductor Chemicals market by segment, 2022 & 2032 (USD Billion)
- FIG 11. Asia Pacific Semiconductor Chemicals market by segment, 2022 & 2032 (USD Billion)
- FIG 12. Asia Pacific Semiconductor Chemicals market by segment, 2022 & 2032 (USD Billion)
- FIG 13. Asia Pacific Semiconductor Chemicals market by segment, 2022 & 2032 (USD Billion)
- FIG 14. Asia Pacific Semiconductor Chemicals market, Country snapshot 2022 & 2032
- FIG 15. Asia Pacific Semiconductor Chemicals market 2022 & 2032 (USD Billion)
- FIG 16. Asia Pacific Semiconductor Chemicals market, company market share analysis (2023)

I would like to order

Product name: Asia Pacific Semiconductor Chemicals Market Size study, by Type (High-performance Polymers, Acid & Base Chemicals, Adhesives, Solvents, Others) by End-use (Integrated Circuits, Discrete Semiconductor, Optoelectronics, Sensors) and Country Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/A22A6C215FB2EN.html>

Price: US\$ 3,218.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A22A6C215FB2EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970