

Asia Pacific Advanced Carbon Materials Market Size and Forecast (2021 - 2031), Regional Share, Trend, and Growth Opportunity Analysis Report Coverage: By Product Type [Graphite (Natural Graphite and Synthetic Graphite), Carbon Nanotubes (Multi-Walled Carbon Nanotubes and Single-Walled Carbon Nanotubes), Graphene, Carbon Fibers (PAN-Based and PITCH-Based), Carbon Foams and Others] and Application [Electronics and Semiconductors (Integrated Circuits, Flexible Displays, Superconductors, Transistors, Industrial Sensors, and Others), Energy Storage (Lithium-Ion Batteries, Fuel Cells, Solar PV Cells, Hydrogen Storage, Electrochemical Supercapacitors, and Others), Structural Composites (Sporting Goods, Wind Turbine Blades, Light Vehicle or Automotive, Construction and Infrastructure, and Aerospace and Defense), Chemical Materials and Polymers (Coatings Adhesives and Sealants, Water Filtration, Catalysts, and Others), Medical (Transdermal Drug Delivery, Cancer Treatment, Proteomics, and Others), and Others]

<https://marketpublishers.com/r/AA569A529EB6EN.html>

Date: January 2025

Pages: 243

Price: US\$ 3,450.00 (Single User License)

ID: AA569A529EB6EN

Abstracts

The Asia Pacific advanced carbon materials market is projected to grow significantly, reaching an estimated US\$ 35,230.09 million by 2031, up from US\$ 20,152.20 million in 2023. This growth represents a compound annual growth rate (CAGR) of 7.2% from 2023 to 2031. The market's expansion is primarily driven by the increasing demand across various application industries, particularly in renewable energy and infrastructure development.

Executive Summary and Market Analysis

The advanced carbon materials market in the Asia Pacific region is experiencing robust growth, largely due to the rising applications in multiple sectors. A notable factor contributing to this demand is the surge in offshore wind installations, particularly in China, which is expected to deploy over 182 gigawatts of offshore wind capacity by 2028, according to the US Department of Energy. This growth in renewable energy installations is driving the need for structural composites, such as those used in wind turbine blades.

Additionally, the Australian Trade and Investment Commission highlights a strong demand for infrastructure development in the region, focusing on power transmission, renewable energy solutions, and marine environments. Countries within the Asia Pacific are prioritizing various infrastructure projects; for instance, Australia is concentrating on climate-resilient infrastructure, while China is heavily investing in construction and infrastructure through its Belt and Road Initiative, which finances ports, roads, and other critical developments. These initiatives are further propelling the demand for advanced carbon materials.

Market Segmentation Analysis

The Asia Pacific advanced carbon materials market can be segmented based on product type and application.

Product Type: The market is divided into several categories, including graphite, carbon nanotubes, graphene, carbon foams, and others. In 2023, the graphite segment held the largest market share, which is further divided into natural and synthetic graphite. The carbon nanotubes segment is categorized into multi-walled and single-walled carbon nanotubes, while the graphene segment is split into pan-based and PITCH-based graphene.

Application: The market is also segmented by application, with key areas including electronics and semiconductors, energy storage, structural composites, chemical materials and polymers, and medical applications. The energy storage segment was the largest in 2023, with further subdivisions into lithium-ion batteries, fuel cells, solar PV cells, hydrogen storage, and electrochemical supercapacitors. The structural composites segment includes applications in sporting goods, wind turbine blades, automotive, construction, and aerospace.

Market Outlook

As industries increasingly focus on sustainability and reducing waste, the recycling of carbon-based materials such as carbon fiber, graphite, carbon nanotubes, and graphene is gaining traction. These materials are prized for their exceptional strength, lightweight properties, and electrical conductivity, making them highly desirable in sectors like aerospace, automotive, and electronics. Recycling advanced carbon materials not only lowers production costs but also minimizes the environmental impact associated with raw material extraction and processing.

The recycling of carbon fibers is particularly noteworthy, as the demand for lightweight, high-strength materials continues to rise. Techniques for reclaiming and reusing carbon fibers from end-of-life products are being refined, allowing these materials to be reintegrated into new products without significant loss of their properties. For example, Thermolysis Co. Ltd. has introduced a socially responsible brand, RCF, which produces a range of bike accessories and daily necessities using recycled carbon fiber, promoting sustainability while meeting market demands.

Moreover, the advent of 3D printing is revolutionizing the production landscape by enabling the efficient use of advanced carbon materials in customizable designs. Carbon nanotubes, graphene, and carbon fibers are being incorporated into 3D printing filaments to enhance the mechanical, electrical, and thermal properties of printed objects. This innovation allows for the creation of lightweight, durable, and conductive components across various sectors, including aerospace and healthcare, while minimizing material waste.

Country Insights

The Asia Pacific advanced carbon materials market includes key countries such as Australia, China, India, Japan, South Korea, and others. China, in particular, dominated

the market in 2023. The renewable energy sector in China is rapidly expanding, driven by government targets to achieve zero emissions by 2030. The National Energy Administration (NEA) reported a 55% increase in solar power capacity, exceeding 609 GW, and a 21% increase in wind power capacity, reaching 441 GW as of 2023. The Chinese government aims to build 1,200 GW of renewable energy capacity by 2030, further boosting the demand for advanced carbon materials.

Company Profiles

Key players in the Asia Pacific advanced carbon materials market include Nanocyl SA, Teijin Ltd, Arkema SA, LG Chem Ltd, Cabot Corp, and others. These companies are employing various strategies such as expansion, product innovation, and mergers and acquisitions to enhance their market presence and offer innovative products to consumers.

In conclusion, the Asia Pacific advanced carbon materials market is poised for significant growth, driven by increasing applications in renewable energy, infrastructure development, and advancements in recycling and 3D printing technologies.

Contents

1. INTRODUCTION

- 1.1 Report Guidance
- 1.2 Market Segmentation

2. EXECUTIVE SUMMARY

- 2.1 Key Insights
- 2.2 Market Attractiveness

3. RESEARCH METHODOLOGY

- 3.1 Secondary Research
- 3.2 Primary Research
 - 3.2.1 Hypothesis formulation:
 - 3.2.2 Macroeconomic factor analysis:
 - 3.2.3 Developing base number:
 - 3.2.4 Data Triangulation:
 - 3.2.5 Country-level data:
- 3.3 Assumptions and Limitations

4. ASIA PACIFIC ADVANCED CARBON MATERIALS MARKET LANDSCAPE

- 4.1 Overview
- 4.2 Porter's Five Forces Analysis
 - 4.2.1 Threat of New Entrants:
 - 4.2.2 Bargaining Power of Suppliers:
 - 4.2.3 Bargaining Power of Buyers:
 - 4.2.4 Competitive Rivalry:
 - 4.2.5 Threat of Substitutes:
- 4.3 Ecosystem Analysis
 - 4.3.1 Raw Material Suppliers:
 - 4.3.2 Manufacturers:
 - 4.3.3 Distributors or Suppliers:
 - 4.3.4 End-Use Industry:
- 4.4 List of Vendors in the Value Chain

5. ASIA PACIFIC ADVANCED CARBON MATERIALS MARKET - KEY MARKET DYNAMICS

5.1 Market Drivers

5.1.1 5.2.1 Growing Demand for Lightweight Materials

5.1.2 Increasing Demand for Advanced Carbon Materials for Energy Storage Applications

5.2 Market Restraints

5.2.1 High Cost and Complex Manufacturing Process

5.3 Market Opportunities

5.3.1 Growing Demand for Renewable Energy

5.3.2 Adoption of Advanced Carbon Materials for Cancer Treatment

5.4 Future Trends

5.4.1 Growing Focus on Recycling and 3D Printing

5.5 Impact Analysis

6. ADVANCED CARBON MATERIALS MARKET - ASIA PACIFIC ANALYSIS

6.1 Asia Pacific Advanced Carbon Materials Market Volume (Tons), 2021-2031

6.2 Asia Pacific Advanced Carbon Materials Market Volume Forecast and Analysis (Tons)

6.3 Asia Pacific Advanced Carbon Materials Market Revenue (US\$ Million), 2023-2031

6.4 Asia Pacific Advanced Carbon Materials Market Forecast and Analysis

7. ASIA PACIFIC ADVANCED CARBON MATERIALS MARKET VOLUME AND REVENUE ANALYSIS - BY PRODUCT TYPE

7.1 Graphite

7.1.1 Overview

7.1.2 Graphite: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)

7.1.3 Graphite: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

7.2 Natural Graphite

7.2.1 Overview

7.2.2 Natural Graphite: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)

7.2.3 Natural Graphite: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

7.3 Synthetic Graphite

7.3.1 Overview

7.3.2 Synthetic Graphite: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)

7.3.3 Synthetic Graphite: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

7.4 Carbon Nanotubes

7.4.1 Overview

7.4.2 Carbon Nanotubes: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)

7.4.3 Carbon Nanotubes: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

7.5 Multi-Walled Carbon Nanotubes

7.5.1 Overview

7.5.2 Multi-Walled Carbon Nanotubes: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)

7.5.3 Multi-Walled Carbon Nanotubes: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

7.6 Single-Walled Carbon Nanotubes

7.6.1 Overview

7.6.2 Single-Walled Carbon Nanotubes: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)

7.6.3 Single-Walled Carbon Nanotubes: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

7.7 Graphene

7.7.1 Graphene: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)

7.7.2 Graphene: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

7.8 Carbon Fibers

7.8.1 Carbon Fibers: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)

7.8.2 Carbon Fibers: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

7.9 PAN-Based

7.9.1 PAN-Based: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)

7.9.2 PAN-Based: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

7.10 PITCH-Based

7.10.1 PITCH-Based: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)

7.10.2 PITCH-Based: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

7.11 Carbon Foams

7.11.1 Carbon Foams: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)

7.11.2 Carbon Foams: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

7.12 Others

7.12.1 Others: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)

7.12.2 Others: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8. ASIA PACIFIC ADVANCED CARBON MATERIALS MARKET REVENUE ANALYSIS - BY APPLICATION

8.1 Electronics and Semiconductors

8.1.1 Overview

8.1.2 Electronics and Semiconductors: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.2 Integrated Circuits

8.2.1 Overview

8.2.2 Integrated Circuits: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.3 Flexible Displays

8.3.1 Overview

8.3.2 Flexible Displays: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.4 Superconductors

8.4.1 Overview

8.4.2 Superconductors: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.5 Transistors

8.5.1 Overview

8.5.2 Transistors: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.6 Industrial Sensors

8.6.1 Overview

8.6.2 Industrial Sensors: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.7 Others

8.7.1 Overview

8.7.2 Others: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.8 Energy Storage

8.8.1 Overview

8.8.2 Energy Storage: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.9 Lithium-Ion Batteries

8.9.1 Overview

8.9.2 Lithium-Ion Batteries: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.10 Fuel Cells

8.10.1 Overview

8.10.2 Fuel Cells: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.11 Solar PV Cells

8.11.1 Overview

8.11.2 Solar PV Cells: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.12 Hydrogen Storage

8.12.1 Overview

8.12.2 Hydrogen Storage: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.13 Electrochemical Supercapacitors

8.13.1 Overview

8.13.2 Electrochemical Supercapacitors: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.13.3 Overview

8.13.4 Others ES: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.14 Structural Composites

8.14.1 Overview

8.14.2 Structural Composites: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.15 Sporting Goods

8.15.1 Overview

8.15.2 Sporting Goods: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.16 Wind Turbine Blades

8.16.1 Overview

8.16.2 Wind Turbine Blades: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.17 Light Vehicle or Automotive

8.17.1 Overview

8.17.2 Light Vehicle or Automotive: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.18 Construction and Infrastructure

8.18.1 Overview

8.18.2 Construction and Infrastructure: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.19 Aerospace and Defense

8.19.1 Overview

8.19.2 Aerospace and Defense: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.20 Chemical Materials and Polymers

8.20.1 Overview

8.20.2 Chemical Materials and Polymers: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.21 Coatings Adhesives and Sealants

8.21.1 Overview

8.21.2 Coatings Adhesives and Sealants: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.22 Water Filtration

8.22.1 Overview

8.22.2 Water Filtration: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.23 Catalysts

8.23.1 Overview

8.23.2 Catalysts: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.24 Others

8.24.1 Overview

8.24.2 Others CMP: Asia Pacific Advanced Carbon Materials Market - Revenue and

Forecast, 2021-2031 (US\$ Million)

8.25 Medical

8.25.1 Overview

8.25.2 Medical: Asia Pacific Advanced Carbon Materials Market - Revenue and

Forecast, 2021-2031 (US\$ Million)

8.26 Transdermal Drug Delivery

8.26.1 Overview

8.26.2 Transdermal Drug Delivery: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.27 Cancer Treatment

8.27.1 Overview

8.27.2 Cancer Treatment: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.28 Proteomics

8.28.1 Overview

8.28.2 Proteomics: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.29 Others ME

8.29.1 Overview

8.29.2 Others ME: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

8.30 Others

8.30.1 Overview

8.30.2 Others: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

9. ASIA PACIFIC ADVANCED CARBON MATERIALS MARKET - COUNTRY ANALYSIS

9.1 Asia Pacific

9.1.1 Asia Pacific Advanced Carbon Materials Market Revenue and Forecast and Analysis - by Country

9.1.1.1 Asia Pacific Advanced Carbon Materials Market Volume and Forecast and Analysis - by Country

9.1.1.2 Asia Pacific Advanced Carbon Materials Market Revenue and Forecast and Analysis - by Country

9.1.1.3 Australia: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

9.1.1.3.1 Australia: Asia Pacific Advanced Carbon Materials Market Share - by

Product Type

9.1.1.3.2 Australia: Asia Pacific Advanced Carbon Materials Market Share - by Application

9.1.1.4 China: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

9.1.1.4.1 China: Asia Pacific Advanced Carbon Materials Market Share - by Product Type

9.1.1.4.2 China: Asia Pacific Advanced Carbon Materials Market Share - by Application

9.1.1.5 India: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

9.1.1.5.1 India: Asia Pacific Advanced Carbon Materials Market Share - by Product Type

9.1.1.5.2 India: Asia Pacific Advanced Carbon Materials Market Share - by Application

9.1.1.6 Japan: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

9.1.1.6.1 Japan: Asia Pacific Advanced Carbon Materials Market Share - by Product Type

9.1.1.6.2 Japan: Asia Pacific Advanced Carbon Materials Market Share - by Application

9.1.1.7 South Korea: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

9.1.1.7.1 South Korea: Asia Pacific Advanced Carbon Materials Market Share - by Product Type

9.1.1.7.2 South Korea: Asia Pacific Advanced Carbon Materials Market Share - by Application

9.1.1.8 Rest of APAC: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

9.1.1.8.1 Rest of APAC: Asia Pacific Advanced Carbon Materials Market Share - by Product Type

9.1.1.8.2 Rest of APAC: Asia Pacific Advanced Carbon Materials Market Share - by Application

10. COMPETITIVE LANDSCAPE

10.1 Heat Map Analysis by Key Players

10.2 Company Positioning and Concentration

11. INDUSTRY LANDSCAPE

- 11.1 Heat Map Analysis by Key Players
- 11.2 Company Positioning & Concentration

12. INDUSTRY LANDSCAPE

- 12.1 Overview
- 12.2 Collaboration
- 12.3 Expansions
- 12.4 New Product Launch
- 12.5 Other Developments

13. COMPANY PROFILES

- 13.1 Nanocyl SA
 - 13.1.1 Key Facts
 - 13.1.2 Business Description
 - 13.1.3 Products and Services
 - 13.1.4 Financial Overview
 - 13.1.5 SWOT Analysis
 - 13.1.6 Key Developments
- 13.2 Teijin Ltd
 - 13.2.1 Key Facts
 - 13.2.2 Business Description
 - 13.2.3 Products and Services
 - 13.2.4 Financial Overview
 - 13.2.5 SWOT Analysis
 - 13.2.6 Key Developments
- 13.3 Arkema SA
 - 13.3.1 Key Facts
 - 13.3.2 Business Description
 - 13.3.3 Products and Services
 - 13.3.4 Financial Overview
 - 13.3.5 SWOT Analysis
 - 13.3.6 Key Developments
- 13.4 LG Chem Ltd
 - 13.4.1 Key Facts
 - 13.4.2 Business Description

- 13.4.3 Products and Services
- 13.4.4 Financial Overview
- 13.4.5 SWOT Analysis
- 13.4.6 Key Developments
- 13.5 Cabot Corp
 - 13.5.1 Key Facts
 - 13.5.2 Business Description
 - 13.5.3 Products and Services
 - 13.5.4 Financial Overview
 - 13.5.5 SWOT Analysis
 - 13.5.6 Key Developments
- 13.6 Kumho Petrochemical Co Ltd
 - 13.6.1 Key Facts
 - 13.6.2 Business Description
 - 13.6.3 Products and Services
 - 13.6.4 Financial Overview
 - 13.6.5 SWOT Analysis
 - 13.6.6 Key Developments
- 13.7 Tokyo Chemical Industry Co Ltd
 - 13.7.1 Key Facts
 - 13.7.2 Business Description
 - 13.7.3 Products and Services
 - 13.7.4 Financial Overview
 - 13.7.5 SWOT Analysis
 - 13.7.6 Key Developments
- 13.8 Nanoshel LLC
 - 13.8.1 Key Facts
 - 13.8.2 Business Description
 - 13.8.3 Products and Services
 - 13.8.4 Financial Overview
 - 13.8.5 SWOT Analysis
 - 13.8.6 Key Developments
- 13.9 Zeon Corp
 - 13.9.1 Key Facts
 - 13.9.2 Business Description
 - 13.9.3 Products and Services
 - 13.9.4 Financial Overview
 - 13.9.5 SWOT Analysis
 - 13.9.6 Key Developments

13.10 Mitsubishi Chemical Carbon Fiber and Composites Inc

- 13.10.1 Key Facts
- 13.10.2 Business Description
- 13.10.3 Products and Services
- 13.10.4 Financial Overview
- 13.10.5 SWOT Analysis
- 13.10.6 Key Developments

13.11 Resonac Holdings Corp

- 13.11.1 Key Facts
- 13.11.2 Business Description
- 13.11.3 Products and Services
- 13.11.4 Financial Overview
- 13.11.5 SWOT Analysis
- 13.11.6 Key Developments

13.12 Huntsman International LLC

- 13.12.1 Key Facts
- 13.12.2 Business Description
- 13.12.3 Products and Services
- 13.12.4 Financial Overview
- 13.12.5 SWOT Analysis
- 13.12.6 Key Developments

13.13 Ocsial

- 13.13.1 Key Facts
- 13.13.2 Business Description
- 13.13.3 Products and Services
- 13.13.4 Financial Overview
- 13.13.5 SWOT Analysis
- 13.13.6 Key Developments

13.14 Sumitomo Chemical Co Ltd

- 13.14.1 Key Facts
- 13.14.2 Business Description
- 13.14.3 Products and Services
- 13.14.4 Financial Overview
- 13.14.5 SWOT Analysis
- 13.14.6 Key Developments

13.15 MOLCHEM

- 13.15.1 Key Facts
- 13.15.2 Business Description
- 13.15.3 Products and Services

13.15.4 Financial Overview

13.15.5 SWOT Analysis

13.15.6 Key Developments

14. APPENDIX

14.1 About The Insight Partners

List Of Tables

LIST OF TABLES

Table 1. Asia Pacific Advanced Carbon Materials Market Segmentation

Table 2. List of Vendors

Table 3. Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)

Table 4. Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Table 5. Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons) - by Product Type

Table 6. Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million) - by Product Type

Table 7. Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million) - by Application

Table 8. Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons) - by Country

Table 9. Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million) - by Country

Table 10. Australia: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons) - by Product Type

Table 11. Australia: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million) - by Product Type

Table 12. Australia: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million) - by Application

Table 13. China: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons) - by Product Type

Table 14. China: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million) - by Product Type

Table 15. China: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million) - by Application

Table 16. India: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons) - by Product Type

Table 17. India: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million) - by Product Type

Table 18. India: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million) - by Application

Table 19. Japan: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons) - by Product Type

Table 20. Japan: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million) - by Product Type

Table 21. Japan: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million) - by Application

Table 22. South Korea: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons) - by Product Type

Table 23. South Korea: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million) - by Product Type

Table 24. South Korea: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million) - by Application

Table 25. Rest of APAC: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons) - by Product Type

Table 26. Rest of APAC: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million) - by Product Type

Table 27. Rest of APAC: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million) - by Application

List Of Figures

LIST OF FIGURES

- Figure 1. Asia Pacific Advanced Carbon Materials Market Segmentation - Country
- Figure 2. Porter's Five Forces Analysis
- Figure 3. Ecosystem: Global Advanced Carbon Materials Market
- Figure 4. Asia Pacific Advanced Carbon Materials Market - Key Market Dynamics
- Figure 5. Global Electric Car Sales (2016-2023)
- Figure 6. Cumulative Renewable Electricity Capacity (GW) (2021-2024)
- Figure 7. Impact Analysis of Drivers and Restraints
- Figure 8. Asia Pacific Advanced Carbon Materials Market Volume (Tons), 2021-2031
- Figure 9. Asia Pacific Advanced Carbon Materials Market Revenue (US\$ Million), 2023-2031
- Figure 10. Asia Pacific Advanced Carbon Materials Market Share (%) - Product Type, 2023 and 2031
- Figure 11. Graphite: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)
- Figure 12. Graphite: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)
- Figure 13. Natural Graphite: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)
- Figure 14. Natural Graphite: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)
- Figure 15. Synthetic Graphite: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)
- Figure 16. Synthetic Graphite: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)
- Figure 17. Carbon Nanotubes: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)
- Figure 18. Carbon Nanotubes: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)
- Figure 19. Multi-Walled Carbon Nanotubes: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)
- Figure 20. Multi-Walled Carbon Nanotubes: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)
- Figure 21. Single-Walled Carbon Nanotubes: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)
- Figure 22. Single-Walled Carbon Nanotubes: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 23. Graphene: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)

Figure 24. Graphene: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 25. Carbon Fibers: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)

Figure 26. Carbon Fibers: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 27. PAN-Based: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)

Figure 28. PAN-Based: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 29. PITCH-Based: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)

Figure 30. PITCH-Based: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 31. Carbon Foams: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)

Figure 32. Carbon Foams: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 33. Others: Asia Pacific Advanced Carbon Materials Market - Volume and Forecast, 2021-2031 (Tons)

Figure 34. Others: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 35. Asia Pacific Advanced Carbon Materials Market Share (%) - Application, 2023 and 2031

Figure 36. Electronics and Semiconductors: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 37. Integrated Circuits: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 38. Flexible Displays: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 39. Superconductors: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 40. Transistors: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 41. Industrial Sensors: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 42. Others ELESEMI: Asia Pacific Advanced Carbon Materials Market - Revenue

and Forecast, 2021-2031 (US\$ Million)

Figure 43. Energy Storage: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 44. Lithium-Ion Batteries: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 45. Fuel Cells: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 46. Solar PV Cells: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 47. Hydrogen Storage: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 48. Electrochemical Supercapacitors: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 49. Others ES: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 50. Structural Composites: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 51. Sporting Goods: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 52. Wind Turbine Blades: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 53. Light Vehicle or Automotive: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 54. Construction and Infrastructure: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 55. Aerospace and Defense: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 56. Chemical Materials and Polymers: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 57. Coatings Adhesives and Sealants: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 58. Water Filtration: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 59. Catalysts: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 60. Others CMP: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 61. Medical: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 62. Transdermal Drug Delivery: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 63. Cancer Treatment: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 64. Proteomics: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 65. Others ME: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 66. Others: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 67. Asia Pacific Advanced Carbon Materials Market Breakdown by Key Countries, 2023 and 2031 (%)

Figure 68. Australia: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 69. China: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 70. India: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 71. Japan: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 72. South Korea: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 73. Rest of APAC: Asia Pacific Advanced Carbon Materials Market - Revenue and Forecast, 2021-2031 (US\$ Million)

Figure 74. Heat Map Analysis by Key Players

Figure 75. Company Positioning and Concentration

Figure 76. Heat Map Analysis by Key Players

Figure 77. Company Positioning & Concentration

I would like to order

Product name: Asia Pacific Advanced Carbon Materials Market Size and Forecast (2021 - 2031), Regional Share, Trend, and Growth Opportunity Analysis Report Coverage: By Product Type [Graphite (Natural Graphite and Synthetic Graphite), Carbon Nanotubes (Multi-Walled Carbon Nanotubes and Single-Walled Carbon Nanotubes), Graphene, Carbon Fibers (PAN-Based and PITCH-Based), Carbon Foams and Others] and Application [Electronics and Semiconductors (Integrated Circuits, Flexible Displays, Superconductors, Transistors, Industrial Sensors, and Others), Energy Storage (Lithium-Ion Batteries, Fuel Cells, Solar PV Cells, Hydrogen Storage, Electrochemical Supercapacitors, and Others), Structural Composites (Sporting Goods, Wind Turbine Blades, Light Vehicle or Automotive, Construction and Infrastructure, and Aerospace and Defense), Chemical Materials and Polymers (Coatings Adhesives and Sealants, Water Filtration, Catalysts, and Others), Medical (Transdermal Drug Delivery, Cancer Treatment, Proteomics, and Others), and Others]

Product link: <https://marketpublishers.com/r/AA569A529EB6EN.html>

Price: US\$ 3,450.00 (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/AA569A529EB6EN.html>