+44 20 8123 2220
info@marketpublishers.com

Mesoporous Carbons Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented by Type (Ordered Mesoporous Carbon (OMC), Disordered Mesoporous Carbon, Activated Carbon, Carbon Aerogel, Carbon Nanotube Sponge, Graphene Sponge, and Others), By Application (Energy Storage, Gas Adsorption, Catalysis, Drug Delivery, Gas Separation, and Others), By End User (Industrial, Energy, Pharmaceutical, and Others), By Region and competition, 2019-2029F

https://marketpublishers.com/r/M0B68D3C3A71EN.html
Date: June 2024
Pages: 180
Price: US$ 4,900.00 (Single User License)
ID: M0B68D3C3A71EN

Abstracts

Global Mesoporous Carbons Market was valued at USD 1282.52 million in 2023 and is anticipated t%ll%project robust growth in the forecast period t%ll%reach with a CAGR of 3.28% through 2029. Mesoporous carbons, known for their highly ordered pore structures with diameters ranging between 2 and 50 nanometers, are gaining significant attention due t%ll%their unique properties. These include a high surface area, large pore volume, and tunable pore sizes, making them highly suitable for a variety of applications across multiple industries.

In recent years, the global mesoporous carbons market has experienced steady growth. This upward trajectory is primarily driven by escalating demand from various end-use sectors, including energy storage, environmental protection, and catalysis. In the energy storage sector, mesoporous carbons are integral t%ll%the development of advanced batteries and supercapacitors, enhancing their efficiency and storage capacity. This is particularly crucial as the world moves towards more sustainable and efficient energy

solutions.

Environmental protection is another significant driver of market growth. Mesoporous carbons are effectively used in water purification and air filtration systems due t%ll%their superior adsorptive properties and ability t%ll%facilitate catalytic reactions. These applications are essential in addressing global environmental challenges and meeting stringent regulatory standards.

In the field of catalysis, mesoporous carbons serve as excellent supports for catalysts used in various chemical reactions, including those in the petrochemical industry and the production of fine chemicals. Their high surface area and tunable pore sizes make them ideal for enhancing the efficiency and selectivity of catalytic processes.

Key Market Drivers

Rising Usage of Mesoporous Carbons for Energy Storage and Conversion is Major Factor for Mesoporous Carbons Market Growth

The global market for mesoporous carbons is experiencing remarkable growth, largely driven by the increasing usage of these materials in energy storage and conversion applications. Mesoporous carbons, a specialized type of carbon material with well-defined pore structures at the nanoscale, have gained significant attention due t%ll%their unique properties that make them highly suitable for energy-related technologies. This growing demand for efficient and sustainable energy solutions is a major factor propelling the expansion of the global mesoporous carbons market.

One of the primary drivers behind the demand for mesoporous carbons is their pivotal role in energy storage technologies, particularly in advanced supercapacitors and batteries. As the world shifts toward renewable energy sources and electric vehicles (EVs), the need for high-performance energy storage systems has surged. Mesoporous carbons, with their well-structured pore networks, provide an ideal platform for improving the energy density and charge-discharge efficiency of supercapacitors and lithium-ion batteries. These materials enable rapid ion diffusion, enhancing the overall performance and lifespan of energy storage devices. The demand for mesoporous carbons in this sector is expected t%ll%continue t%ll%grow as energy storage solutions play a critical role in the transition t%ll%cleaner and more sustainable energy systems.

Furthermore, mesoporous carbons have found applications in the field of catalysis for energy conversion processes. Catalysis plays a crucial role in converting raw materials

+44 20 8123 2220
info@marketpublishers.com

int%II%energy carriers such as hydrogen and in facilitating various chemical reactions in fuel cells and renewable energy systems. The precisely engineered pore structures of mesoporous carbons provide an ideal environment for catalysts, increasing their surface area and catalytic activity. This makes mesoporous carbons valuable in improving the efficiency and sustainability of energy conversion technologies. As the world seeks t%II%reduce its reliance on fossil fuels and transition t%II%greener energy sources, the demand for mesoporous carbons in catalysis for energy conversion is anticipated t%II%grow significantly.

Moreover, mesoporous carbons are being employed in the field of environmental remediation, where they help address pollution and environmental sustainability challenges. These materials can be functionalized t%II%absorb and remove pollutants from air and water, contributing t%II%cleaner and healthier environments. The versatility of mesoporous carbons in addressing environmental issues aligns with global efforts t%II%mitigate pollution and promote sustainability, driving their demand in environmental applications.

Collaborations between researchers, material scientists, and industry stakeholders have been instrumental in advancing the development and application of mesoporous carbons. Ongoing research endeavors focus on optimizing production processes, functionalizing mesoporous carbons for specific applications, and exploring innovative uses in energy storage, conversion, and environmental protection.

Growing Popularity of Mesoporous Carbons in Environmental Applications Drives the Demand for Mesoporous Carbons Market

The global mesoporous carbons market is experiencing significant growth, primarily fueled by the growing popularity of these materials in environmental applications. Mesoporous carbons, a specialized type of carbon material with well-structured pore networks at the nanoscale, have gained considerable attention due t%II%their unique properties that make them highly effective in addressing environmental challenges. This increasing demand for environmentally friendly solutions is a major driver propelling the expansion of the global mesoporous carbons market

One of the primary drivers behind the demand for mesoporous carbons is their pivotal role in environmental remediation. Pollution and environmental sustainability concerns have led t%II%a heightened focus on developing effective methods for removing contaminants from air and water. Mesoporous carbons, with their precisely engineered pore structures and large surface areas, provide an ideal platform for adsorption and

+44 20 8123 2220
info@marketpublishers.com

removal of a wide range of pollutants, including organic compounds, heavy metals, and volatile organic compounds (VOCs). These materials exhibit high adsorption capacity, excellent selectivity, and rapid kinetics, making them invaluable in water and air purification systems. The demand for mesoporous carbons in environmental remediation is expected t%ll%continue t%ll%grow as the world seeks t%ll%mitigate pollution and improve environmental quality.

Additionally, mesoporous carbons find applications in sustainable water treatment processes. Water scarcity is a global concern, and there is a growing need for efficient and eco-friendly technologies t%ll%purify and desalinate water. Mesoporous carbons can be functionalized t%ll%enhance their affinity for specific ions or contaminants, making them effective in processes like capacitive deionization (CDI) and adsorption-based desalination. These materials contribute t%ll%the development of energy-efficient and environmentally friendly water treatment solutions, aligning with the global push for sustainable water management.

Furthermore, mesoporous carbons are used in the field of carbon capture and storage (CCS), a critical technology for mitigating greenhouse gas emissions from industrial processes and power plants. Mesoporous carbons can adsorb CO2 from flue gases, providing an effective means of capturing and sequestering carbon dioxide before it is released int%ll%the atmosphere. This supports efforts t%ll%combat climate change by reducing CO2 emissions and promoting sustainable energy production.

Collaborative efforts between researchers, environmental scientists, and industry stakeholders have played a crucial role in advancing the development and application of mesoporous carbons in environmental solutions. Ongoing research endeavors focus on optimizing the properties of mesoporous carbons for specific environmental applications, exploring innovative uses, and enhancing their performance in pollution control, water treatment, and carbon capture technologies.

Rising Demand of Mesoporous Carbons as Catalyst

The global mesoporous carbons market is witnessing substantial growth, largely propelled by the rising demand for these materials as catalysts across various industries. Mesoporous carbons, characterized by their intricate, nano-sized pore structures, have emerged as a vital component in catalytic processes due t%ll%their distinct properties. These characteristics enable a high surface area, excellent conductivity, and exceptional chemical stability, making them highly effective as catalyst supports or even as catalysts themselves in some reactions. This growing recognition of

mesoporous carbons' catalytic prowess is a crucial factor accelerating the growth of the global mesoporous carbons market.

One of the primary drivers for the mesoporous carbons' burgeoning demand in catalysis is their adaptability t%ll%a diverse range of chemical reactions. The vast internal surface area of these carbons offers an expansive platform for the attachment of catalytic active sites. Moreover, their structured pore networks ensure uniform reactant distribution and enhanced accessibility, leading t%ll%improved catalytic efficiencies. As industries seek optimized and efficient catalytic processes t%ll%enhance yields and reduce reaction times, mesoporous carbons are becoming increasingly essential in their strategies.

Furthermore, mesoporous carbons are finding significant applications in the energy sector, especially in fuel cells. Fuel cells, which convert chemical energy int%ll%electrical energy, require efficient catalysts t%ll%accelerate electrochemical reactions. Mesoporous carbons, when used as catalyst supports, not only enhance the dispersion of the catalytic species but als%ll%improve the overall conductivity and durability of the electrodes. Given the growing emphasis on clean energy solutions and the rapid advancements in fuel cell technologies, the demand for mesoporous carbons in this arena is set t%ll%rise substantially.

In the petrochemical and chemical industries, mesoporous carbons are being recognized for their prowess in facilitating various refining and synthesis processes. These carbons can be functionalized t%ll%introduce specific reactive groups, making them suitable for a wide array of reactions, ranging from hydrocracking t%ll%complex organic syntheses. Their stability, even under extreme conditions, coupled with their ability t%ll%offer selective and efficient pathways for reactions, has positioned them as a catalyst material of choice for these industries.

In environmental applications, mesoporous carbons are being explored as catalysts for pollution control processes. For instance, they play a role in the catalytic conversion of greenhouse gases int%ll%useful chemicals, or the breakdown of persistent organic pollutants in wastewater treatments. Their adaptability and effectiveness in these crucial environmental applications further solidify their importance in the contemporary industrial landscape.

Collaborative efforts between chemical engineers, researchers, and industry stakeholders have been pivotal in advancing the development and application of mesoporous carbons in catalysis. With ongoing research focused on tailoring the

properties of mesoporous carbons for specific reactions and enhancing their performance, their role in catalysis is expected t%ll%further solidify.

Key Market Challenges

High Cost of Production

The global Mesoporous Carbons market faces a significant barrier t%ll%growth in the form of the high cost of production. Mesoporous carbons, with their unique structural characteristics and a wide range of applications, including in energy storage, catalysis, and environmental remediation, hold great promise. However, their widespread adoption is impeded by the complex and resource-intensive manufacturing processes involved.

The production of mesoporous carbons typically requires precise control over pore size and structure, which demands specialized equipment, expertise, and raw materials. These factors collectively contribute t%ll%elevated production costs. These high costs not only limit accessibility t%ll%smaller companies but als%ll%make mesoporous carbons less competitive in cost-sensitive markets.

T%ll%promote the growth of the global Mesoporous Carbons market, research and development efforts should prioritize finding innovative, cost-effective production methods, optimizing existing processes, and exploring sustainable sourcing of raw materials. As production costs become more aligned with market demands, the full potential of mesoporous carbons can be unlocked, encouraging their integration int%ll%a broader array of industrial applications.

Lack of Awareness

The global Mesoporous Carbons market faces a significant obstacle in the form of a lack of awareness. Mesoporous carbons, with their exceptional structural properties and a wide range of applications in fields like energy storage, catalysis, and environmental remediation, possess immense potential. However, this potential remains largely untapped due t%ll%limited awareness among potential users and stakeholders.

The specialized nature of mesoporous carbons and their specific advantages can be challenging t%ll%communicate, resulting in a lack of understanding about their capabilities and benefits. This lack of awareness not only hinders market growth but als%ll%discourages investment in research and development efforts aimed at

+44 20 8123 2220
info@marketpublishers.com

expanding their applications.

T%ll%overcome this challenge, concerted efforts are needed t%ll%educate industries and individuals about the unique properties and potential of mesoporous carbons. Increased awareness can stimulate demand, drive innovation, and lead t%ll%the development of new applications, ultimately propelling the global Mesoporous Carbons market toward sustained growth and broader adoption in various sectors.

Key Market Trends

Developing Mesoporous Carbons as Drug Delivery Systems

The development of mesoporous carbons as drug delivery systems is a significant and transformative trend within the global Mesoporous Carbons market. Mesoporous carbons are distinguished by their highly ordered, uniform pores with sizes ranging from 2 t%ll%50 nanometers, making them ideal candidates for drug encapsulation and controlled release.

In the pharmaceutical and medical industries, there is a growing demand for advanced drug delivery systems that can improve the efficacy and safety of medications. Mesoporous carbons, with their large surface area, high pore volume, and tunable pore sizes, offer a versatile platform for the controlled loading and release of drugs. This technology allows for precise dosage control, targeted delivery, and the protection of sensitive drug compounds from degradation.

Furthermore, mesoporous carbons are biocompatible and can be tailored t%ll%optimize drug release profiles, ensuring that therapeutic agents are delivered efficiently t%ll%their intended sites within the body. This innovation holds immense promise for enhancing the treatment of various diseases, including cancer, where targeted drug delivery can minimize side effects and improve patient outcomes.

As the development of mesoporous carbons as drug delivery systems continues t%ll%advance, it is poised t%ll%revolutionize the pharmaceutical and healthcare sectors. This trend not only improves patient care but als%ll%contributes t%ll%the overall growth and diversification of the global Mesoporous Carbons market, making it a key driver in the industry's evolution.

Growing Demand from Emerging Markets

+44 20 8123 2220
info@marketpublishers.com

The growing demand from emerging markets represents a significant trend in shaping the global Mesoporous Carbons market. As economies in emerging regions continue t%ll%expand and their healthcare and industrial sectors develop, the demand for advanced materials like mesoporous carbons has been steadily on the rise. These versatile materials are sought after for their exceptional properties, including high surface area, tunable pore size, and surface chemistry, making them valuable in a wide range of applications.

In emerging markets, such as those in Asia, Latin America, and Africa, there is a growing need for innovative solutions in areas like pharmaceuticals, water purification, and energy storage. Mesoporous carbons offer a platform for addressing these challenges. For instance, in the pharmaceutical sector, they play a crucial role in drug delivery systems and advanced pharmaceutical formulations. In the field of water treatment, their ability t%ll%adsorb contaminants is highly valuable, especially in regions facing water quality issues.

Furthermore, as emerging markets focus on industrialization and sustainable practices, mesoporous carbons are being utilized in technologies like catalysis and energy storage systems, aiding in the development of more efficient and eco-friendly processes.

Overall, the escalating demand from emerging markets is propelling the growth of the global Mesoporous Carbons market, as these regions recognize the significance of these materials in driving technological advancements and addressing critical societal and environmental challenges.

Segmental Insights

Type Insights

Based on the type, the Ordered Mesoporous Carbon (OMC) segment emerged as the dominant player in the global market for Mesoporous Carbons. Ordered mesoporous carbon (OMC) is a versatile material known for its uniform pore structure, making it highly desirable for a wide range of applications. These applications span catalysis, energy storage, gas adsorption, and drug delivery, among others. OMC's uniform pore size distribution and expansive surface area make it especially appealing in gas adsorption and separation tasks.

In the energy storage sector, OMCs play a crucial role in advancing cutting-edge supercapacitors and lithium-ion batteries. Notably, OMCs are sought after for their

+44 20 8123 2220
info@marketpublishers.com

remarkable electrical conductivity, positioning them as exceptional materials for various energy storage needs.

As per sales analysis in the mesoporous carbons market, the increasing demand for OMCs is anticipated t%ll%open lucrative opportunities for manufacturers in the coming years. OMC's unique properties, including its ordered mesoporous structure and excellent electrical conductivity, are key factors driving its adoption in energy storage applications.

With the global shift towards cleaner and more efficient energy solutions, OMCs are poised t%ll%contribute significantly t%ll%the development of next-generation energy storage devices. This increasing demand for OMCs is expected t%ll%create a thriving market for mesoporous carbons, offering manufacturers a promising outlook for growth and innovation in the foreseeable future.

End User Insights

The pharmaceuticals segments are projected t%ll%experience rapid growth during the forecast period. Mesoporous carbons are gaining increasing prominence within the pharmaceutical sector, primarily due t%ll%their unique attributes, including a substantial surface area, biocompatibility, and customizable pore sizes. These characteristics present a myriad of potential applications in drug-related fields, such as drug delivery, sensing, and catalysis.

In the realm of drug delivery, mesoporous carbons serve as valuable carriers for pharmaceutical compounds. Their expansive pore volume and high surface area facilitate the controlled release of drugs, resulting in enhanced therapeutic effectiveness and minimized adverse effects.

Sensing applications als%ll%benefit from mesoporous carbons, where they find utility as electrodes in electrochemical biosensors. These sensors can detect crucial biological molecules like glucose and cholesterol, offering diagnostic capabilities for diseases such as diabetes and enabling more effective disease management.

Furthermore, mesoporous carbons play a pivotal role as catalysts in various pharmaceutical processes. For instance, they contribute t%ll%the synthesis of pharmaceutical intermediates, often outperforming conventional catalysts by providing greater selectivity and yield.

+44 20 8123 2220
info@marketpublishers.com

In summary, the pharmaceutical industry's growing emphasis on the development of more efficient and potent drugs and therapies underscores the escalating demand for mesoporous carbons. Their versatile properties position them as invaluable assets in drug-related applications, and this demand is poised t%ll%continue its upward trajectory in the foreseeable future.

Regional Insights

The Asia-Pacific (APAC) region has emerged as the dominant player in the mesoporous carbon Market, surpassing both Europe and North America. APAC is known as a global manufacturing hub, with countries like China, India, South Korea, and Japan playing significant roles in various industries, including chemicals and materials. The region's well-established manufacturing infrastructure makes it a prime location t%ll%produce mesoporous carbon materials.

APAC has experienced rapid industrialization and economic growth, leading t%ll%increased demand for advanced materials like mesoporous carbon in various industrial sectors, including electronics, automotive, and energy storage. APAC countries have been investing heavily in research and development (R&D) activities, fostering innovation in materials science and technology. This investment has led t%ll%advancements in mesoporous carbon synthesis techniques and applications.

The APAC region has witnessed significant growth in the energy storage market, particularly in countries like China and South Korea. Mesoporous carbon materials are essential components in advanced energy storage devices, such as supercapacitors and batteries, driving their demand. Mesoporous carbon materials are increasingly used in drug delivery and sensing applications in the pharmaceutical and healthcare industries. The growing healthcare sector in APAC countries like India and China has contributed t%ll%the demand for these materials.

APAC is a significant consumer electronics market, with countries like China being major producers and consumers of electronic devices. Mesoporous carbon is used in electronics for applications like sensing and energy storage, further driving its demand.

Key Market Players

%ll%BASF SE

%ll%KURARAY Co. Ltd.

+44 20 8123 2220
info@marketpublishers.com

%ll%W.R. Grace & Co.

%ll%Strem Chemicals, Inc.

%ll%ARITECH Chemazone Pvt Ltd.

%ll%Nanochemazone Inc.

%ll%American Elements Corp.

Report Scope:

In this report, the Global Mesoporous Carbons Market has been segmented int%ll%the following categories, in addition t%ll%the industry trends which have als%ll%been detailed below:

%ll%Mesoporous Carbons Market, By Type:

- Ordered Mesoporous Carbon (OMC)
- Disordered Mesoporous Carbon
- Activated Carbon
- Carbon Aerogel
- Carbon Nanotube Sponge
- Graphene Sponge
- Others

%ll%Mesoporous Carbons Market, By Application:

- Energy Storage
- Gas Adsorption

+44 20 8123 2220
info@marketpublishers.com

Catalysis

Drug Delivery

Gas Separation

Others

%ll%Mesoporous Carbons Market, By End User:

Industrial

Energy

Pharmaceutical

Others

%ll%Mesoporous Carbons Market, By Region:

Asia-Pacific

%ll%China

%ll%India

%ll%Japan

%ll%Australia

%ll%South Korea

North America

+44 20 8123 2220
info@marketpublishers.com

%ll%United States

%ll%Canada

%ll%Mexico

Europe

%ll%France

%ll%United Kingdom

%ll%Italy

%ll%Germany

%ll%Spain

South America

%ll%Brazil

%ll%Argentina

%ll%Colombia

Middle East & Africa

%ll%South Africa

%ll%Saudi Arabia

%ll%UAE

%ll%Kuwait

+44 20 8123 2220
info@marketpublishers.com

%ll%Turkiye

%ll%Egypt

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Mesoporous Carbons Market.

Available Customizations:

Global Mesoporous Carbons market report with the given market data, TechSci Research offers customizations according t%ll%a company's specific needs. The following customization options are available for the report:

Company Information

%ll%Detailed analysis and profiling of additional market players (up t%ll%five).

+44 20 8123 2220
info@marketpublishers.com

Contents

1. PRODUCT OVERVIEW

1.1. Market Definition
1.2. Scope of the Market
  1.2.1. Markets Covered
  1.2.2. Years Considered for Study
  1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

2.1. Objective of the Study
2.2. Baseline Methodology
2.3. Key Industry Partners
2.4. Major Association and Secondary Applications
2.5. Forecasting Methodology
2.6. Data Triangulation & Validation
2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

3.1. Overview of the Market
3.2. Overview of Key Market Segmentations
3.3. Overview of Key Market Players
3.4. Overview of Key Regions/Countries
3.5. Overview of Market Drivers, Challenges, Trends

4. IMPACT OF COVID-19 ON GLOBAL MESOPOROUS CARBONS MARKET

5. VOICE OF CUSTOMER

6. GLOBAL MESOPOROUS CARBONS MARKET OUTLOOK

6.1. Market Size & Forecast
  6.1.1. By Value & Volume
6.2. Market Share & Forecast
  6.2.1. By Type (Ordered Mesoporous Carbon (OMC), Disordered Mesoporous Carbon, Activated Carbon, Carbon Aerogel, Carbon Nanotube Sponge, Graphene Sponge, and

+44 20 8123 2220
info@marketpublishers.com

Others)
6.2.2. By Application (Energy Storage, Gas Adsorption, Catalysis, Drug Delivery, Gas Separation, and Others)
6.2.3. By End User (Industrial, Energy, Pharmaceutical, and Others)
6.2.4. By Region
6.2.5. By Company (2023)
6.3. Market Map

7. ASIA PACIFIC MESOPOROUS CARBONS MARKET OUTLOOK

7.1. Market Size & Forecast
7.1.1. By Value & Volume
7.2. Market Share & Forecast
7.2.1. By Type
7.2.2. By Application
7.2.3. By End User
7.2.4. By Country
7.3. Asia Pacific: Country Analysis
7.3.1. China Mesoporous Carbons Market Outlook
7.3.1.1. Market Size & Forecast
7.3.1.1.1. By Value & Volume
7.3.1.2. Market Share & Forecast
7.3.1.2.1. By Type
7.3.1.2.2. By Application
7.3.1.2.3. By End User
7.3.2. India Mesoporous Carbons Market Outlook
7.3.2.1. Market Size & Forecast
7.3.2.1.1. By Value & Volume
7.3.2.2. Market Share & Forecast
7.3.2.2.1. By Type
7.3.2.2.2. By Application
7.3.2.2.3. By End User
7.3.3. Australia Mesoporous Carbons Market Outlook
7.3.3.1. Market Size & Forecast
7.3.3.1.1. By Value & Volume
7.3.3.2. Market Share & Forecast
7.3.3.2.1. By Type
7.3.3.2.2. By Application
7.3.3.2.3. By End User

+44 20 8123 2220
info@marketpublishers.com

7.3.4. Japan Mesoporous Carbons Market Outlook
7.3.4.1. Market Size & Forecast
7.3.4.1.1. By Value & Volume
7.3.4.2. Market Share & Forecast
7.3.4.2.1. By Type
7.3.4.2.2. By Application
7.3.4.2.3. By End User
7.3.5. South Korea Mesoporous Carbons Market Outlook
7.3.5.1. Market Size & Forecast
7.3.5.1.1. By Value & Volume
7.3.5.2. Market Share & Forecast
7.3.5.2.1. By Type
7.3.5.2.2. By Application
7.3.5.2.3. By End User

8. EUROPE MESOPOROUS CARBONS MARKET OUTLOOK

8.1. Market Size & Forecast
8.1.1. By Value & Volume
8.2. Market Share & Forecast
8.2.1. By Type
8.2.2. By Application
8.2.3. By End User
8.2.4. By Country
8.3. Europe: Country Analysis
8.3.1. France Mesoporous Carbons Market Outlook
8.3.1.1. Market Size & Forecast
8.3.1.1.1. By Value & Volume
8.3.1.2. Market Share & Forecast
8.3.1.2.1. By Type
8.3.1.2.2. By Application
8.3.1.2.3. By End User
8.3.2. Germany Mesoporous Carbons Market Outlook
8.3.2.1. Market Size & Forecast
8.3.2.1.1. By Value & Volume
8.3.2.2. Market Share & Forecast
8.3.2.2.1. By Type
8.3.2.2.2. By Application
8.3.2.2.3. By End User

+44 20 8123 2220
info@marketpublishers.com

8.3.3. Spain Mesoporous Carbons Market Outlook
8.3.3.1. Market Size & Forecast
8.3.3.1.1. By Value & Volume
8.3.3.2. Market Share & Forecast
8.3.3.2.1. By Type
8.3.3.2.2. By Application
8.3.3.2.3. By End User
8.3.4. Italy Mesoporous Carbons Market Outlook
8.3.4.1. Market Size & Forecast
8.3.4.1.1. By Value & Volume
8.3.4.2. Market Share & Forecast
8.3.4.2.1. By Type
8.3.4.2.2. By Application
8.3.4.2.3. By End User
8.3.5. United Kingdom Mesoporous Carbons Market Outlook
8.3.5.1. Market Size & Forecast
8.3.5.1.1. By Value & Volume
8.3.5.2. Market Share & Forecast
8.3.5.2.1. By Type
8.3.5.2.2. By Application
8.3.5.2.3. By End User

9. NORTH AMERICA MESOPOROUS CARBONS MARKET OUTLOOK

9.1. Market Size & Forecast
9.1.1. By Value & Volume
9.2. Market Share & Forecast
9.2.1. By Type
9.2.2. By Application
9.2.3. By End User
9.2.4. By Country
9.3. North America: Country Analysis
9.3.1. United States Mesoporous Carbons Market Outlook
9.3.1.1. Market Size & Forecast
9.3.1.1.1. By Value & Volume
9.3.1.2. Market Share & Forecast
9.3.1.2.1. By Type
9.3.1.2.2. By Application
9.3.1.2.3. By End User

+44 20 8123 2220
info@marketpublishers.com

9.3.2. Mexico Mesoporous Carbons Market Outlook
9.3.2.1. Market Size & Forecast
9.3.2.1.1. By Value & Volume
9.3.2.2. Market Share & Forecast
9.3.2.2.1. By Type
9.3.2.2.2. By Application
9.3.2.2.3. By End User
9.3.3. Canada Mesoporous Carbons Market Outlook
9.3.3.1. Market Size & Forecast
9.3.3.1.1. By Value & Volume
9.3.3.2. Market Share & Forecast
9.3.3.2.1. By Type
9.3.3.2.2. By Application
9.3.3.2.3. By End User

10. SOUTH AMERICA MESOPOROUS CARBONS MARKET OUTLOOK

10.1. Market Size & Forecast
10.1.1. By Value & Volume
10.2. Market Share & Forecast
10.2.1. By Type
10.2.2. By Application
10.2.3. By End User
10.2.4. By Country
10.3. South America: Country Analysis
10.3.1. Brazil Mesoporous Carbons Market Outlook
10.3.1.1. Market Size & Forecast
10.3.1.1.1. By Value & Volume
10.3.1.2. Market Share & Forecast
10.3.1.2.1. By Type
10.3.1.2.2. By Application
10.3.1.2.3. By End User
10.3.2. Argentina Mesoporous Carbons Market Outlook
10.3.2.1. Market Size & Forecast
10.3.2.1.1. By Value & Volume
10.3.2.2. Market Share & Forecast
10.3.2.2.1. By Type
10.3.2.2.2. By Application
10.3.2.2.3. By End User

+44 20 8123 2220
info@marketpublishers.com

10.3.3. Colombia Mesoporous Carbons Market Outlook
10.3.3.1. Market Size & Forecast
10.3.3.1.1. By Value & Volume
10.3.3.2. Market Share & Forecast
10.3.3.2.1. By Type
10.3.3.2.2. By Application
10.3.3.2.3. By End User

11. MIDDLE EAST AND AFRICA MESOPOROUS CARBONS MARKET OUTLOOK

11.1. Market Size & Forecast
11.1.1. By Value & Volume
11.2. Market Share & Forecast
11.2.1. By Type
11.2.2. By Application
11.2.3. By End User
11.2.4. By Country
11.3. MEA: Country Analysis
11.3.1. South Africa Mesoporous Carbons Market Outlook
11.3.1.1. Market Size & Forecast
11.3.1.1.1. By Value & Volume
11.3.1.2. Market Share & Forecast
11.3.1.2.1. By Type
11.3.1.2.2. By Application
11.3.1.2.3. By End User
11.3.2. Saudi Arabia Mesoporous Carbons Market Outlook
11.3.2.1. Market Size & Forecast
11.3.2.1.1. By Value & Volume
11.3.2.2. Market Share & Forecast
11.3.2.2.1. By Type
11.3.2.2.2. By Application
11.3.2.2.3. By End User
11.3.3. UAE Mesoporous Carbons Market Outlook
11.3.3.1. Market Size & Forecast
11.3.3.1.1. By Value & Volume
11.3.3.2. Market Share & Forecast
11.3.3.2.1. By Type
11.3.3.2.2. By Application
11.3.3.2.3. By End User

+44 20 8123 2220
info@marketpublishers.com

11.3.4. Kuwait Mesoporous Carbons Market Outlook
11.3.4.1. Market Size & Forecast
11.3.4.1.1. By Value & Volume
11.3.4.2. Market Share & Forecast
11.3.4.2.1. By Type
11.3.4.2.2. By Application
11.3.4.2.3. By End User
11.3.5. Turkiye Mesoporous Carbons Market Outlook
11.3.5.1. Market Size & Forecast
11.3.5.1.1. By Value & Volume
11.3.5.2. Market Share & Forecast
11.3.5.2.1. By Type
11.3.5.2.2. By Application
11.3.5.2.3. By End User
11.3.6. Egypt Mesoporous Carbons Market Outlook
11.3.6.1. Market Size & Forecast
11.3.6.1.1. By Value & Volume
11.3.6.2. Market Share & Forecast
11.3.6.2.1. By Type
11.3.6.2.2. By Application
11.3.6.2.3. By End User

12. MARKET DYNAMICS

12.1. Drivers
12.2. Challenges

13. MARKET TRENDS AND DEVELOPMENTS

13.1. Recent Developments
13.2. Product Launches
13.3. Mergers & Acquisitions

14. GLOBAL MESOPOROUS CARBONS MARKET: SWOT ANALYSIS

15. PRICING ANALYSIS

16. PORTER’S FIVE FORCES ANALYSIS

+44 20 8123 2220
info@marketpublishers.com

16.1. Competition in the Industry
16.2. Potential of New Entrants
16.3. Power of Suppliers
16.4. Power of Customers
16.5. Threat of Substitute Application

17. PESTLE ANALYSIS

18. COMPETITIVE LANDSCAPE

18.1. BASF SE
  18.1.1. Business Overview
  18.1.2. Company Snapshot
  18.1.3. Applications & Services
  18.1.4. Financials (In case of listed companies)
  18.1.5. Recent Developments
  18.1.6. SWOT Analysis
18.2. KURARAY Co. Ltd.
18.3. W.R. Grace & Co.
18.4. Strem Chemicals, Inc.
18.5. ARITECH Chemazone Pvt Ltd.
18.6. Nanochemazone Inc.
18.7. American Elements Corp.

19. STRATEGIC RECOMMENDATIONS

20. ABOUT US AND DISCLAIMER

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Mesoporous Carbons Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented by Type (Ordered Mesoporous Carbon (OMC), Disordered Mesoporous Carbon, Activated Carbon, Carbon Aerogel, Carbon Nanotube Sponge, Graphene Sponge, and Others), By Application (Energy Storage, Gas Adsorption, Catalysis, Drug Delivery, Gas Separation, and Others), By End User (Industrial, Energy, Pharmaceutical, and Others), By Region and competition, 2019-2029F

Product link: https://marketpublishers.com/r/M0B68D3C3A71EN.html

Price: US$ 4,900.00 (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/M0B68D3C3A71EN.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

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms

+44 20 8123 2220
info@marketpublishers.com

& 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