Article published on May 21st 2012 | Business

REPORT HIGHLIGHTS

The North American market for inorganic nanoporous and microporous adsorbents reached $2.2 billion in 2011. It is expected to reach nearly $2.4 billion in 2012 and it will further grow to $2.9 billion by 2017, a compound annual growth rate (CAGR) of 4.3%.

The zeolite segment reached $1.2 billion in 2011. It is expected to reach nearly $1.3 billion in 2012 and it will further grow to $1.5 billion by 2017, a compound CAGR of 3.5%.

The granular activated carbon segment reached $494.6 million in 2011. It is expected to reach $517.5 million in 2012 and it will further grow to $642.2 million by 2017, a compound CAGR of 4.4%.

REPORT SCOPE

INTRODUCTION

STUDY GOALS AND OBJECTIVES

This report is an updated edition of a BCC report published in April 2005. The goal of this study is to provide the reader with a comprehensive understanding of recent advances in microporous inorganic adsorbent materials manufacturing, their commercial applications, and worldwide markets. For the purposes of this report, these materials are defined to include granular activated carbon; the special type of molecular sieves known as zeolites, clays, activated alumina, and silica gel; and miscellaneous adsorbents such as iron oxide. http://www.bharatbook.com/market-research-reports/chemicals-market-research-report/global-markets-for-inorganic-nanoporous-and-microporous-adsorbents.html

In this report, several objectives will be met. The major types of adsorbents will be described, including key physical and chemical properties, raw materials, and manufacturing processes. Commercial applications in which these adsorbents are used will be discussed. Present consumption and future demand for these materials will be evaluated for the North American and worldwide regions. Trends in technology will be analyzed and forecast. The impact of governmental regulations will be ascertained. Finally, the structural dynamics of the adsorbent industry will be outlined along with profiles of important manufacturers. market research report

REASONS FOR DOING THE STUDY

The nanoporous and microporous adsorbents industry is mature, with a wide variety of products satisfying the requirements of well-established applications. However, expanded scope and applicability of environmental regulations along with improving living standards around the world are stimulating significant increases in demand for these products. In addition to environmental applications, newly invented specialized nanoporous sorbent products are creating novel market opportunities in electronics manufacturing and biomedical industry sectors.

Corporations involved with microporous adsorbents must understand the significance of these trends to effectively manage their enterprises and resources. Stakeholders in these competitive technologies and products must understand the impact of these trends upon their operations. End users of microporous adsorbents must consider the effect of these changes to select the most cost-

effective options among newly available products and technologies prior to committing significant capital resources.

INTENDED AUDIENCE

Over the next half-decade, significant change will take place in global nanoporous and microporous adsorbent products and applications. Technological advances in tailoring pore size distributions and surface chemical activity will lead to novel applications. This study analyzes several driving forces that will shape the industry over the next few years.

Consequently, the information presented in this study is very important to:

Members of the financial community who must understand, assess, and rate the effect of forthcoming changes in the microporous adsorbents industry upon the financial performance of companies active in this market segment.

Chief executive officers who must effectively manage the assets of their company so as to benefit from forthcoming changes in the microporous adsorbents industry.

Directors of planning who must incorporate anticipated changes in the microporous adsorbents industry into corporate planning documents.

Directors of manufacturing who must implement new microporous adsorbent technology and products into their operations.

Directors of engineering, research, and development who must incorporate the latest advances in microporous adsorbent technology and products into their designs and projects.

Major adsorbent consumer decision makers, such as large water and wastewater treatment facilities and petrochemical complexes, in order to select the best adsorbents for their applications.

Executives at companies engaged in developing competitive materials and technologies such as polymeric adsorbents.

SCOPE AND FORMAT

This report covers the technological, economic, and environmental considerations of the inorganic microporous adsorbent industry. Although this report is primarily a study of U.S. markets, analysis and forecasts are also provided for global markets.

The North American markets are presented by adsorbent type and by commercial application with growth forecasts through 2017. The driving forces in the industry and the structure of the industry are also examined.

International aspects of the inorganic microporous adsorbent industry are discussed with respect to major geographic markets, types of adsorbents, and available manufacturing capacity. Lastly, brief profiles of the major manufactures in the North American markets are presented.

METHODOLOGY

Both primary and secondary research methodologies were used in preparing this study. Estimates of current market demand are made for 2011 and projected over the 5 years from 2012 to 2017. Projections are made in terms of constant 2011 dollars. The growth rates are presented as average annual rates.

Market values were calculated simply by multiplying the number of pounds of material sold by the average price per pound. Confirmation of the numbers was obtained by contacting several

representative manufacturers in the nanoporous and microporous adsorbents industry and analyzing published reports.

INFORMATION SOURCES

The information in this report was derived from interviews with individuals in the industry; searches of online and print media, including electronic databases, conference proceedings, patent literature, trade journals and newsletters; company publications, filings with SEC, and websites.

For more information kindly visit :

Global Markets for Inorganic Nanoporous and Microporous Adsorbents

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Article Keywords:
Chemicals, Demand Forecast, Market, Market Forecast, Market Research Reports

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