
Description:
Catalyst is mainly used for oil refining, chemical processing and in emission control markets. Catalyst is a substance that speeds up the rate of chemical reaction without itself being affected in it. Owing to the factor that almost all industrial chemicals processes are catalytic, the significance and economical importance of catalysis is vast. Catalytic petroleum refining processes provide very high quality fuels which cope up with the strict and mandated fuel specifications and the deteriorating characteristics of crude oils of sulfur gravity. Moreover, industrial catalysis also economically exploit the unconventional heavy crudes and the use of renewable raw materials with the production of biofuels. Industrial applications of catalytic processes concerns the large areas of the hydrocarbons conversion into intermediates and final product. Catalysis has reached a significant degree of maturity pertaining to industrial applications.

The conditions of operation related to industrial catalysts have extensively changed from past few decades owing to the dynamism of this market. However, industrial catalyst market is frequently developing thus simplifying the growth of novel technologies. The major driving factors that are all set to fuel this market are ever-changing technology coupled with addition of new product lines. Petroleum refining is the largest application market driver for Industrial catalyst.

The major drivers owing to the constant growth of industrial catalyst in petroleum refining applications are accelerating demand for fuels and chemical products. Moreover, the upsurge in refinery capacities has also headed towards more use of catalyst in this application. Industrial catalyst are crucial in helping refiners meet fuel standards, enhancing managing operational efficiency, augmenting conversion a swell as in keeping pace with the changing clean fuel trends. Since past few years, the market is facing a fast surge owing to technological developments, growing automation and assimilating the whole value chain of the process industry. Moreover, rising urbanization, increasing awareness regarding the flow control has catalyzed the growth of Industrial catalyst market.

Owing to the benefits served by the catalysts, they are grouped into types based on the chemical behavior and grouped into different materials accordingly. Catalyst is used in various industries which include refining of petrol and more. Moreover, zeolites is used in separation and purification of metals and in synthesis of various chemicals. Petroleum refining and chemical synthesis are the key end use industries of the Global Industrial catalyst market.

The global market for Industrial catalyst was estimated to be $XX billion in 2016 and is estimated to grow at a CAGR of XX% and is forecast to reach $XX billion by 2021. Heterogenous catalyst are projected to be the fastest growing type of industrial catalyst. Organometallic material is projected as fastest growing among material. Petroleum refining and synthesis of chemicals are the most important end-users for Industrial catalyst. Additionally, Europe and APAC together are estimated to occupy a share of more than XX% during 2015. APAC is the leading market for global industrial catalyst with China leading the charge in 2004. Asia-Pacific region is forecast to have the highest growth in next few years due to growing adoption of catalysts in industrial applications. APAC accounts to XX% of the global market for industrial catalyst market followed by Europe and Americas.

Petroleum Refining Industry to Drive the Use of Industrial Catalyst

The U.S. is one of the the major refiners in the world followed by China, Russia, Japan and India. It owns the maximum refinery capacities in the world. Catalysts are vital to the chemical industry and are now used in most chemical processes. Catalysts play a primary role in various applications such as technology, fertilizers, pharmaceuticals, energetic vectors and more. Chemical catalysis is an essential tool for chemicals and material production as well as for fuel conversion systems. As catalyst are a crucial component in petroleum refining industry, increasing investment in expanding refining industries and development of new catalyst are set to drive the demand for industrial catalyst.

The global industrial catalysts market is evaluated based on key attributes such as base materials,
application and others. Each of the segmentations in the report has been studied to give comprehensive analysis of global industrial catalysts market. The overall market has also been consolidated from the perspective of different geographic locations into standard geographic regions and key economies for this market. Additionally, this report encompasses opportunity analysis, porter analysis, pricing analysis and market forces such as drivers, constraints and challenges that are involved to drive the overall market.

The key players profiled in this report are:

BASF SE
Honeywell
Clariant Ag
Arkema SA and others.

This report gives detailed information about the product value chain right from the beginning which includes raw materials till end-use. The market is analyzed based on the key attributes such as the power in the hands of producers and consumers, analysis on the degree of competition, and threats from substitutes and new entrants. The study includes the demand of this particular market on a global and regional scale for a six year period of 2016-2021, both in terms of volume(kilo tons) and revenue($ million).

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