

Global Polyethylene Imine Market Research Report 2022 Professional Edition

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Abstracts

The global Polyethylene Imine market was valued at 41.25 Million USD in 2021 and will grow with a CAGR of 1.64% from 2021 to 2027, based on HNY Research newly published report.

The prime objective of this report is to provide the insights on the post COVID-19 impact which will help market players in this field evaluate their business approaches. Also, this report covers market segmentation by major market vendors, types, applications/end users and geography (North America, East Asia, Europe, South Asia, Southeast Asia, Middle East, Africa, Oceania, South America).

Polyethylenimine (PEI) is a polymer with repeating unit composed of the amine group and two carbon aliphatic CH₂CH₂ spacer. Linear polyethyleneimines contain all secondary amines, in contrast to branched PEIs which contain primary, secondary and tertiary amino groups. Totally branched, dendrimeric forms were also reported. PEI is produced on industrial scale and finds many applications usually derived from its polycationic character. Polyethyleneimine (PEI) is a water-soluble polymer, reactivity is now used in many industrial processes. It is mainly produced by two Companies established worldwide, the Nippon Shokubai Company, Ltd. (Japan) under the Trade names EPOMIN[®] and BASF-AG Ludwigshafen (Germany) under the Trade names Lupasol[®]. There are also supplier from china serves especially local market, such as Wuhan Qianglong Chemical and Gobekie. In terms of volume, the Global Polyethylene Imine market sales was 11996 MT in 2016, and is predicted to reach 15239 MT in 2023, with a CAGR 3.48% from 2016 to 2023. The global Polyethylene Imine market is valued at USD 390.33 million in 2016 and is expected to reach USD 436.43 million by the end of 2023, growing at a CAGR of 1.61% between 2016 and 2023. PEI consists of a mixture of branched polymers with different molecular weight. On the market are

polymers with average molecular weights of between 300 and 2,000,000, both in Water-free form, as well as an aqueous solution. PEI and its derivatives are being used today especially in the paper industry. Raw material of PEI is ethyleneimine monomer. Because of its toxicity, ethyleneimine monomer is not sold by the BASF group or Nippon Shokubai, currently the only large producers. Ethylenimine is used on-site for further reaction to produce polymers and intermediates. The Polyethylene Imine industry has high technical barrier, which limits the entrance of the market. Moreover, the production of PEI involves high risk, since its raw material, ethylene Imine is a high toxic, flammable and explosive substance. The permission of production is hard to permit by local authorities, especially in developed areas. The PEI is a niche market, making manufacturers have the bargaining power over customers. However, the product has other substitute, the customer would also turn to other product if they cannot accept the price. To Polyethylene Imine manufacturers, the core of brand building is in quality control and technological innovation. The company has to keep close to downstream users to cater their demand.

By Market Vendors:

BASF

NIPPON SHOKUBAI

Wuhan Qianglong Chemical.

Gobekie

By Types:

Assay: ?50%

Assay: 90%-99%

By Applications:

Paper-making Industry

Electroplating Industry

Biomedicine Industry

Coating Industry

Water Treatment Industry

Key Indicators Analysed

Market Players & Competitor Analysis: The report covers the key players of the industry including Company Profile, Product Specifications, Production Capacity/Sales, Revenue, Price and Gross Margin 2016-2027 & Sales with a thorough analysis of the market's competitive landscape and detailed information on vendors and comprehensive details of factors that will challenge the growth of major market vendors.

Global and Regional Market Analysis: The report includes Global & Regional market status and outlook 2016-2027. Further the report provides break down details about each region & countries covered in the report. Identifying its sales, sales volume & revenue forecast. With detailed analysis by types and applications.

Market Trends: Market key trends which include Increased Competition and Continuous Innovations.

Opportunities and Drivers: Identifying the Growing Demands and New Technology

Porters Five Force Analysis: The report provides with the state of competition in industry depending on five basic forces: threat of new entrants, bargaining power of suppliers, bargaining power of buyers, threat of substitute products or services, and existing industry rivalry.

Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements

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Assay: 90%-99% Features

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Oceania Polyethylene Imine Production Growth Rate Forecast (2022-2027)

Oceania Polyethylene Imine Revenue Growth Rate Forecast (2022-2027)

South America Polyethylene Imine Production Growth Rate Forecast (2022-2027)

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Southeast Asia Polyethylene Imine Consumption Forecast 2022-2027

Middle East Polyethylene Imine Consumption Forecast 2022-2027

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