

**Downstream Polyethylene Market By Type (Low density polyethylene (LDPE), Medium density polyethylene (MDPE), High density polyethylene (HDPE)), By Technology (Films & Sheets Extrusion, Pipe Extrusion, Injection Molding, Blow Molding, Others), By End use industry (Building & Construction, Electrical & Electronics, Automotive, Paper and Textile, Packaging, Others): Global Opportunity Analysis and Industry Forecast, 2021-2031**

Market Report | 2022-07-01 | 429 pages | Allied Market Research

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**Report description:**

The global downstream polyethylene market was valued at \$109.53 billion in 2021, and is projected to reach \$180.49 billion by 2031, growing at a CAGR of 5.2% from 2022 to 2031.

Polyethylene, also called as polythene or polyethene, is one of the most commonly used plastics in the world. Polyethylene (PE) is a versatile synthetic resin made from polymerization of ethylene. Polyethylene is a member of the important family of polyolefin resins. Polyethylene can be divided into three density ranges. The density of low-density polyethylene (also known as LDPE) is 0.910 to 0.925 g/cm<sup>3</sup>. On the other hand, the density of medium density varieties is 0.926 to 0.940 g/cm<sup>3</sup>. The density of high-density quality (HDPE) is 0.941 to 0.960 g/cm<sup>3</sup>. (LLDPE) Linear low-density polyethylene is a commodity thermoplastic. Affordability and accessibility of the product is the major factor that propels demand for polyethylene. In addition, recyclability, simplicity of processing, and low cost are key contributors to growth of the downstream polyethylene market. Rise in demand for polyethylene in automotive, electronics, and pharmaceuticals industries is anticipated to further propel the market growth. Use of polyethylene is on the rise and it is now evident that polyethylene is employed in almost every aspect of daily life. Thus, global production of plastics and resulting environmental contamination demonstrate that plastic wastes have become a serious environmental concern that is expected hinder growth of the downstream polyethylene market. Moreover, fluctuating raw

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material prices also restrain the downstream polyethylene market. Increase in applications of low-density polyethylene in different end-use industries are anticipated to provide lucrative opportunities to the market. Low density polyethylene is mainly used in films, sheets, and coatings.

The downstream polyethylene market is segmented on the basis of type, technology and end-use industry. On the basis of type, the market is categorized into low-density polyethylene (LDPE), medium-density polyethylene (MDPE), and high-density polyethylene (HDPE). By technology, it is categorized into films & sheets extrusion, pipe extrusion, injection molding, blow molding, and others. By end-use industry, it is categorized into building & construction, electrical & electronics, automotive, paper & textile, packaging, and others. Region wise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA. Major players operating in the global downstream polyethylene market include Borealis AG, Chevron Phillips Chemical Company LLC, China National Petroleum Corporation, Dow Inc., Ducor Petrochemicals, DuPont, Exxon Mobil Corporation, Formosa Plastics Corporation, U.S.A, Ineos, Lone Star Chemical, LyondellBasell Industries Holdings, Mitsubishi Chemical Holdings Corporation, Mitsui Chemicals, and Petroliam Nasional Berhad, SABIC. Other players operating in the downstream polyethylene market are LOTTE Chemical Corporation, Braskem S.A., and Abu Dhabi Polymers Company Ltd.

#### Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the downstream polyethylene market analysis from 2021 to 2031 to identify the prevailing downstream polyethylene market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the downstream polyethylene market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global downstream polyethylene market trends, key players, market segments, application areas, and market growth strategies.

#### IMPACT OF COVID-19 ON THE GLOBAL DOWNSTREAM POLYETHYLENE MARKET

- Emergence of COVID-19 had a brief favorable influence on the expansion of the global market for downstream polyethylene.
- During the COVID-19 epidemic, the increased demand for plastic-made personal protective equipment (PPE) played a key role in ensuring the safety of individuals.
- Since the start of the coronavirus pandemic, there has been an unprecedented surge in single-use plastics (SUPs) such as protective medical suits, gloves, hand sanitizer bottles, masks, food & packaging products, and medical test kits. This is also anticipated to contribute positively to the expansion of the downstream polyethylene market.

#### Key Market Segments

##### By Type

- Low density polyethylene (LDPE)
- Medium density polyethylene (MDPE)
- High density polyethylene (HDPE)

##### By Technology

- Films Sheets Extrusion
- Pipe Extrusion
- Injection Molding
- Blow Molding
- Others

##### By End use industry

- Building Construction
- Electrical Electronics

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- Automotive
- Paper and Textile
- Packaging
- Others
- By Region
- North America
- U.S
- Canada
- Mexico
- Europe
- UK
- Germany
- France
- Spain
- Italy
- Rest of Europe
- Asia-Pacific
- China
- Japan
- India
- South Korea
- Australia
- Rest of Asia-Pacific
- LAMEA
- South Africa
- Rest of LAMEA
- Brazil
- Saudi Arabia
- Key Market Players
- A.St.A. WORLD-WIDE
- Belenco
- Caesarstone Ltd.
- Cosentino S.A.
- Granite & Marble Specialties
- H & R Johnson
- LX Hausys
- Q.R.B.G.s.r.l.
- Quartzforms
- Santa Margherita Spa
- Silestone
- Stone Italiana S.P.A.
- Technistone s.r.o
- Topzstone
- vicostone

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