

Linear Low-Density Polyethylene Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Production Process (Solution Process, Slurry Process, Gas Phase Process), Application (Films, Roto Molding, Injection Molding, and Others), By End-User Industry (Agriculture, Electrical & Electronics, Packaging, Construction, and Others), By Region, and Competition

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# Abstracts

Global Linear Low-Density Polyethylene Market is projected to grow at an impressive CAGR during the forecast period due to the increasing demand from Food & Beverages Industry. Total revenue in the Food & Drink segment is projected to reach USD 0.67 billion in 2022.

Linear low-density polyethylene is considered an effective alternative among other grades of Polyethylene in the packaging industry today owing to its higher bearing strength, tensile strength, puncture endurance capacity, and material elongation. Growth rates for 2020 were significantly affected by COVID-19 broadly for the Packaging and Construction Industry. Following a demand slump in 2020, Packaging Industry, as well as Construction Industry, has continued steady growth in 2021, triggering the development of the Global Linear Low-Density Polyethylene Market during the estimated and forecast period.

Growing Demand for Films in Food & Beverage Industry

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The food industry utilizes Linear Low-Density Polyethylene primarily for packaging purposes. It can hold goods without releasing dangerous chemicals. It is commonly used to preserve food which ensures quality & safety for an individual. Increased Demand for Linear Low-Density Polyethylene is witnessed across various fields of Application due to its distinct properties like High Tensile Strength that assists manufacturers in producing high-quality films used in the Food & Beverage Industry. According to the European Commission, "The E.U. boasts an important trade surplus in food and E.U. food specialties are well appreciated overseas. In the last ten years, E.U. food and drink exports have doubled, reaching over €90 Billion and contributing to a positive balance of almost €30 Billion". Additionally, the changing living standards are resulting in increased food and beverage consumption, essentially driving the Linear Low-Density Polyethylene Market.

Rapid Growth in the E-Commerce Industry

The E-Commerce Packaging Industry has attracted significant consumer traction recently due to growing digitalization and evolving consumer lifestyle. This has been attributed to the rise in the consumption of LLDPE packaging material driving the growth of the Global Linear Low-Density Polyethylene Market during the forecast period. As per the data released by IAB (Interactive Advertising Bureau) Europe, "Retail Media in Europe is already an USD8.5 billion market and growing double-digit despite economic headwinds," which is indicative of growth during the forecast period.

#### Recent Trends and Developments

Mitsui Chemicals aims to achieve carbon neutrality by 2050. In light of that, it has signed an MoU (Memorandum of Understanding) with a Singapore-based company Shell Eastern Petroleum (Pte) Ltd, to attain adequate production and supply of ethylene derived from solid wastes such as plastics. A subsidiary of Mitsui Chemicals, i.e., Prime Polymer Co., Ltd., shall commence production operations of chemically recycled Polyethylene of different types like Linear Low-Density Polyethylene.

Adopting Newer Technologies will help the industry efficiently manage production costs and supply chain ease. For instance, Hanwha Solutions has augmented Luptech T highpressure Polyethylene Process Technology licensed by LyondellBasell Industries Holdings B.V. to expand their production capacity of multiple grades of HDPE, MDPE, LLDPE, etc.

#### Market Segmentation

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Global Linear Low-Density Polyethylene Market is segmented based on Production Process, Application, End-User Industry, and Regional distribution. Based on the Production Process, the market is segmented into Solution Process, Slurry Process, and Gas Phase Process, By Application, the market is further segmented into Films, Roto Molding, Injection Molding, and Others. Based on the End-User Industry, the market is segmented into Agriculture, Electrical & Electronics, Packaging, Construction, and Others. The market analysis also studies the regional segmentation divided among the North American, European, Asia-Pacific, South American, and Middle East & African regions.

#### **Market Players**

Saudi Basic Industries Corporation, LyondellBasell Industries Holdings B.V., Exxon Mobil Corporation, Formosa Plastics Corporation, China Petrochemical Corporation, Chevron Phillips Chemical Company LLC, Reliance Industries Limited, The Dow Chemicals Company, Borealis AG, and Ducor Petrochemicals B.V. are some of the major market players in Global Linear Low-Density Polyethylene Market.

Report Scope:

In this report, Global Linear Low-Density Polyethylene Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Linear Low-Density Polyethylene, By Production Process:

Solution Process

Slurry Process

Gas-Phase Process

Linear Low-Density Polyethylene, By Application:

Films

**Roto Molding** 



#### Injection Molding

Others

Linear Low-Density Polyethylene, By End-User Industry:

Agriculture

**Electrical & Electronics** 

Packaging

Construction

Others

Linear Low-Density Polyethylene, By Region:

North America

United States

Mexico

Canada

Europe

Belgium

Germany

Netherlands

France

United Kingdom

Asia-Pacific



China

South Korea

India

Japan

Australia

South America

Brazil

Colombia

Argentina

Middle East and Africa

South Africa

Saudi Arabia

UAE

Kuwait

Turkey

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in Global Linear Low-Density Polyethylene Market.

Available Customizations:



With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

**Company Information** 

Detailed analysis and profiling of additional market players (up to five).



# 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 Sources
- 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. VOICE OF CUSTOMER

# 5. GLOBAL LINEAR LOW-DENSITY POLYETHYLENE MARKET OUTLOOK

- 5.1. Market Size & Forecast
- 5.1.1. By Value & Volume
- 5.2. Market Share & Forecast
  - 5.2.1. By Production Process (Solution Process, Slurry Process, Gas Phase Process)
  - 5.2.2. By Application (Films, Roto Molding, Injection Molding, and Others)

5.2.3. By End-User Industry (Agriculture, Electrical & Electronics, Packaging,

Construction, and Others)



5.2.4. By Region (North America, Europe, Asia Pacific, South America, Middle East & Africa)

- 5.2.5. By Company (2022)
- 5.3. Market Map
  - 5.3.1. By Production Process
  - 5.3.2. By Application
  - 5.3.3. By End-User Industry
  - 5.3.4. By Region

# 6. NORTH AMERICA LINEAR LOW-DENSITY POLYETHYLENE MARKET OUTLOOK

- 6.1. Market Size & Forecast
- 6.1.1. By Value & Volume
- 6.2. Market Share & Forecast
  - 6.2.1. By Production Process
  - 6.2.2. By Application
  - 6.2.3. By End-User Industry
- 6.2.4. By Country
- 6.3. Pricing Analysis
- 6.4. North America: Country Analysis
  - 6.4.1. United States Linear Low-Density Polyethylene Market Outlook
    - 6.4.1.1. Market Size & Forecast
    - 6.4.1.1.1. By Value & Volume
    - 6.4.1.2. Market Share & Forecast
    - 6.4.1.2.1. By Production Process
    - 6.4.1.2.2. By Application
    - 6.4.1.2.3. By End-User Industry
  - 6.4.2. Mexico Linear Low-Density Polyethylene Market Outlook
  - 6.4.2.1. Market Size & Forecast
  - 6.4.2.1.1. By Value & Volume
  - 6.4.2.2. Market Share & Forecast
  - 6.4.2.2.1. By Production Process
  - 6.4.2.2.2. By Application
  - 6.4.2.2.3. By End-User Industry
  - 6.4.3. Canada Linear Low-Density Polyethylene Market Outlook
    - 6.4.3.1. Market Size & Forecast
    - 6.4.3.1.1. By Value & Volume
    - 6.4.3.2. Market Share & Forecast



- 6.4.3.2.1. By Production Process
- 6.4.3.2.2. By Application
- 6.4.3.2.3. By End-User Industry

# 7. EUROPE LINEAR LOW-DENSITY POLYETHYLENE MARKET OUTLOOK

- 7.1. Market Size & Forecast
- 7.1.1. By Value & Volume
- 7.2. Market Share & Forecast
- 7.2.1. By Production Process
- 7.2.2. By Application
- 7.2.3. By End-User Industry
- 7.2.4. By Country
- 7.3. Pricing Analysis
- 7.4. Europe: Country Analysis
  - 7.4.1. Belgium Linear Low-Density Polyethylene Market Outlook
    - 7.4.1.1. Market Size & Forecast
    - 7.4.1.1.1. By Value & Volume
    - 7.4.1.2. Market Share & Forecast
    - 7.4.1.2.1. By Production Process
    - 7.4.1.2.2. By Application
    - 7.4.1.2.3. By End-User Industry
  - 7.4.2. Germany Linear Low-Density Polyethylene Market Outlook
  - 7.4.2.1. Market Size & Forecast
  - 7.4.2.1.1. By Value & Volume
  - 7.4.2.2. Market Share & Forecast
  - 7.4.2.2.1. By Production Process
  - 7.4.2.2.2. By Application
  - 7.4.2.2.3. By End-User Industry
  - 7.4.3. Netherlands Linear Low-Density Polyethylene Market Outlook
  - 7.4.3.1. Market Size & Forecast
  - 7.4.3.1.1. By Value & Volume
  - 7.4.3.2. Market Share & Forecast
  - 7.4.3.2.1. By Production Process
  - 7.4.3.2.2. By Application
  - 7.4.3.2.3. By End-User Industry
  - 7.4.4. France Linear Low-Density Polyethylene Market Outlook
    - 7.4.4.1. Market Size & Forecast
    - 7.4.4.1.1. By Value & Volume

- 7.4.4.2. Market Share & Forecast
  - 7.4.4.2.1. By Production Process
- 7.4.4.2.2. By Application
- 7.4.4.2.3. By End-User Industry
- 7.4.5. United Kingdom Linear Low-Density Polyethylene Market Outlook
  - 7.4.5.1. Market Size & Forecast
  - 7.4.5.1.1. By Value & Volume
- 7.4.5.2. Market Share & Forecast
- 7.4.5.2.1. By Production Process
- 7.4.5.2.2. By Application
- 7.4.5.2.3. By End-User Industry

# 8. ASIA-PACIFIC LINEAR LOW-DENSITY POLYETHYLENE MARKET OUTLOOK

- 8.1. Market Size & Forecast
- 8.1.1. By Value & Volume
- 8.2. Market Share & Forecast
- 8.2.1. By Production Process
- 8.2.2. By Application
- 8.2.3. By End-User Industry
- 8.2.4. By Country
- 8.3. Pricing Analysis
- 8.4. Asia-Pacific: Country Analysis
- 8.4.1. China Linear Low-Density Polyethylene Market Outlook
  - 8.4.1.1. Market Size & Forecast
  - 8.4.1.1.1. By Value & Volume
  - 8.4.1.2. Market Share & Forecast
  - 8.4.1.2.1. By Production Process
  - 8.4.1.2.2. By Application
  - 8.4.1.2.3. By End-User Industry
- 8.4.2. South Korea Linear Low-Density Polyethylene Market Outlook
  - 8.4.2.1. Market Size & Forecast
  - 8.4.2.1.1. By Value & Volume
  - 8.4.2.2. Market Share & Forecast
  - 8.4.2.2.1. By Production Process
  - 8.4.2.2.2. By Application
  - 8.4.2.2.3. By End-User Industry
- 8.4.3. India Linear Low-Density Polyethylene Market Outlook
  - 8.4.3.1. Market Size & Forecast



- 8.4.3.1.1. By Value & Volume
- 8.4.3.2. Market Share & Forecast
- 8.4.3.2.1. By Production Process
- 8.4.3.2.2. By Application
- 8.4.3.2.3. By End-User Industry
- 8.4.4. Japan Linear Low-Density Polyethylene Market Outlook
- 8.4.4.1. Market Size & Forecast
- 8.4.4.1.1. By Value & Volume
- 8.4.4.2. Market Share & Forecast
- 8.4.4.2.1. By Production Process
- 8.4.4.2.2. By Application
- 8.4.4.2.3. By End-User Industry
- 8.4.5. Australia Linear Low-Density Polyethylene Market Outlook
  - 8.4.5.1. Market Size & Forecast
  - 8.4.5.1.1. By Value & Volume
  - 8.4.5.2. Market Share & Forecast
  - 8.4.5.2.1. By Production Process
  - 8.4.5.2.2. By Application
  - 8.4.5.2.3. By End-User Industry

# 9. SOUTH AMERICA LINEAR LOW-DENSITY POLYETHYLENE MARKET OUTLOOK

- 9.1. Market Size & Forecast
- 9.1.1. By Value & Volume
- 9.2. Market Share & Forecast
- 9.2.1. By Production Process
- 9.2.2. By Application
- 9.2.3. By End-User Industry
- 9.2.4. By Country
- 9.3. Pricing Analysis
- 9.4. South America: Country Analysis
  - 9.4.1. Brazil Linear Low-Density Polyethylene Market Outlook
    - 9.4.1.1. Market Size & Forecast
    - 9.4.1.1.1. By Value & Volume
    - 9.4.1.2. Market Share & Forecast
    - 9.4.1.2.1. By Production Process
    - 9.4.1.2.2. By Application
    - 9.4.1.2.3. By End-User Industry



- 9.4.2. Colombia Linear Low-Density Polyethylene Market Outlook
  - 9.4.2.1. Market Size & Forecast
  - 9.4.2.1.1. By Value & Volume
  - 9.4.2.2. Market Share & Forecast
  - 9.4.2.2.1. By Production Process
  - 9.4.2.2.2. By Application
  - 9.4.2.2.3. By End-User Industry
- 9.4.3. Argentina Linear Low-Density Polyethylene Market Outlook
  - 9.4.3.1. Market Size & Forecast
  - 9.4.3.1.1. By Value & Volume
  - 9.4.3.2. Market Share & Forecast
  - 9.4.3.2.1. By Production Process
  - 9.4.3.2.2. By Application
  - 9.4.3.2.3. By End-User Industry

# 10. MIDDLE EAST AND AFRICA LINEAR LOW-DENSITY POLYETHYLENE MARKET OUTLOOK

- 10.1. Market Size & Forecast
- 10.1.1. By Value & Volume
- 10.2. Market Share & Forecast
- 10.2.1. By Production Process
- 10.2.2. By Application
- 10.2.3. By End-User Industry
- 10.2.4. By Country
- 10.3. Pricing Analysis
- 10.4. MEA: Country Analysis
  - 10.4.1. South Africa Linear Low-Density Polyethylene Market Outlook
  - 10.4.1.1. Market Size & Forecast
  - 10.4.1.1.1. By Value & Volume
  - 10.4.1.2. Market Share & Forecast
  - 10.4.1.2.1. By Production Process
  - 10.4.1.2.2. By Application
  - 10.4.1.2.3. By End-User Industry
  - 10.4.2. Saudi Arabia Linear Low-Density Polyethylene Market Outlook
    - 10.4.2.1. Market Size & Forecast
    - 10.4.2.1.1. By Value & Volume
  - 10.4.2.2. Market Share & Forecast
    - 10.4.2.2.1. By Production Process



10.4.2.2.2. By Application 10.4.2.2.3. By End-User Industry 10.4.3. UAE Linear Low-Density Polyethylene Market Outlook 10.4.3.1. Market Size & Forecast 10.4.3.1.1. By Value & Volume 10.4.3.2. Market Share & Forecast 10.4.3.2.1. By Production Process 10.4.3.2.2. By Application 10.4.3.2.3. By End-User Industry 10.4.4. Kuwait Linear Low-Density Polyethylene Market Outlook 10.4.4.1. Market Size & Forecast 10.4.4.1.1. By Value & Volume 10.4.4.2. Market Share & Forecast 10.4.4.2.1. By Production Process 10.4.4.2.2. By Application 10.4.4.2.3. By End-User Industry 10.4.5. Turkey Linear Low-Density Polyethylene Market Outlook 10.4.5.1. Market Size & Forecast 10.4.5.1.1. By Value & Volume 10.4.5.2. Market Share & Forecast 10.4.5.2.1. By Production Process 10.4.5.2.2. By Application 10.4.5.2.3. By End-User Industry

# **11. MARKET DYNAMICS**

- 11.1. Drivers
- 11.2. Challenges

#### **12. MARKET TRENDS & DEVELOPMENTS**

- 12.1. Recent Developments
- 12.2. Product Launches
- 12.3. Mergers & Acquisitions

# 13. GLOBAL LINEAR LOW-DENSITY POLYETHYLENE MARKET: SWOT ANALYSIS

# 14. PORTER'S FIVE FORCES ANALYSIS



- 14.1. Competition in the Industry
- 14.2. Potential of New Entrants
- 14.3. Power of Suppliers
- 14.4. Power of Customers
- 14.5. Threat of Substitute Products

#### **15. COMPETITIVE LANDSCAPE**

- 15.1. Business Overview
- 15.2. Product Offerings
- 15.3. Recent Developments
- 15.4. Financials (In Case of Listed Companies)
- 15.5. Key Personnel
- 15.6. SWOT Analysis
  - 15.6.1. Saudi Basic Industries Corporation
  - 15.6.2. LyondellBasell Industries Holdings B.V.
  - 15.6.3. Exxon Mobil Corporation
  - 15.6.4. Formosa Plastics Corporation
  - 15.6.5. China Petrochemical Corporation
  - 15.6.6. Chevron Phillips Chemical Company LLC
  - 15.6.7. Reliance Industries Limited
  - 15.6.8. The Dow Chemicals Company
  - 15.6.9. Borealis AG
  - 15.6.10. Ducor Petrochemicals B.V.

#### **16. STRATEGIC RECOMMENDATIONS**



#### I would like to order

Product name: Linear Low-Density Polyethylene Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Production Process (Solution Process, Slurry Process, Gas Phase Process), Application (Films, Roto Molding, Injection Molding, and Others), By End-User Industry (Agriculture, Electrical & Electronics, Packaging, Construction, and Others), By Region, and Competition

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