

India Low Density Polyethylene (LDPE) Market Analysis: Plant Capacity, Production, Operating Efficiency, Process, Demand & Supply, Application, End Use, Distribution Channel, Region, Competition, Trade, Customer & Price Intelligence Market Analysis, 2015-2030

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Abstracts

India Low Density Polyethylene (LDPE) market demand stood at 0.83 Million Tonnes in FY2021 and is forecast to reach 1.64 Million Tonnes by FY2030, growing at a healthy CAGR of 7.86% until FY2030. Low-Density Polyethylene (LDPE) is flexible and tough, easy to process, and has excellent chemical resistance among other polyethylenes. A large volume of LDPE produced in the country (about 30%), goes for packaging films. Demand for packaging films has reported a robust rise in recent years due to increasing demand from poultry wrapping, dairy products, snacks and sweets, frozen food bags, and bakery products. Also, the government's initiatives towards making India a global manufacturing hub would propel the growth of the country's packaging industry. Increasing investments by large packaging companies such as Uflex, which are actively coming up with innovative packaging ideas and sophisticated products will drive the LDPE demand in the forecast period.

These days, LDPE shrink films have been popularly preferred over other polyethylene films due to added strength and durability for heavier and larger items like bundles of beverage cans. These films typically offer better biaxial shrink properties, good sealing characteristics, and machinability on conversion lines, thereby preferably chosen by industrialists involved in the transportation and storage of FMCG commodities in bulk. Pharmaceutical companies also use odorless LDPE bags to prevent their drugs from moisture for a longer duration. Desirable properties of LDPE like low water absorption,

high environmental stress resistance, and easy processability make it an ideal choice for manufacturing containers, dispensing bottles, wires, and cables, tubes, plastic bags, etc. Moreover, the Indian government's policies such as the Make in India Scheme and Smart Cities Mission would further escalate the demand for LDPE products from the construction and infrastructure sectors.

The LDPE plants across the world use different technologies for production. India's only LDPE manufacturer, RIL is using Lyondell Basell's Lupotech technology, which is the most popularly used technology across the globe. However, a sudden outbreak of novel coronavirus hard hit the country's LDPE sector as several Indian ports had to declare force majeure in compliance with the government's lockdown measure in the country's battle against COVID-19. LDPE supplies remained tight throughout the final quarter of 2020 as key southeast Asian players such as Lotte Chemical Titan, and undue delays in scheduled capacity expansion plans further hit the LDPE market dynamics. Moreover, prime minister Narendra Modi's vision to completely ban single-use plastic by 2022 may also hamper the growth of the LDPE market to some extent during the forecast period. The LDPE market may also face a threat of substitution from LLDPE, HDPE, and ULDPE counterparts, which may also restrict the growth of the LDPE market during the forecast period.

Years Considered for this Report:

Historical Years: FY2015– FY2020

Base Year: FY2021

Estimated Year: FY2022

Forecast Period: FY2023 – FY2030

This report will be delivered on an online digital platform with a one-year subscription and quarterly update.

Objective of the Study:

The primary objective of the study was to evaluate and forecast LDPE production, demand, inventory, and demand–supply gap in India.

To categorize demand for LDPE based on end use, sales channel, and region.

To study trade dynamics and company share in the India LDPE market.

To identify major customers of LDPE in India.

To evaluate and forecast LDPE pricing in India.

To identify and profile major companies operating in the India LDPE market.

To identify major developments, deals, and expansion plans in the India LDPE market.

Some of the major players operating in the LDPE market are Reliance Industries Limited, Rakha Al-Khaleej International (RAI) FZCO, Abu Dhabi Polymers Company (Borouge), Saudi Kayan Petrochemical Co., Sinopec Corp., Beijing Yanshan Petrochemical Co., Ltd., ExxonMobil Chemical Co, Qatar Petrochemical Company, Borealis AB, The Dow Chemical Company, LyondellBasell, Saudi Basic Industries Corporation (SABIC), etc. are some leading international players operating in the India LDPE market.

To extract data for the India LDPE market, primary research surveys were conducted with LDPE manufacturers, suppliers, distributors, wholesalers, and end-users. While interviewing, the respondents were also inquired about their competitors. Through this technique, ChemAnalyst was able to include manufacturers that could not be identified due to the limitations of secondary research. Moreover, ChemAnalyst analyzed various end-user segments and projected a positive outlook for the India LDPE market over the coming years.

ChemAnalyst calculated LDPE demand in India by analyzing the historical data and demand forecast was carried out considering the end-use industries growth. ChemAnalyst sourced these values from industry experts and company representatives and externally validated them through analyzing historical sales data of respective manufacturers to arrive at the overall market size. Various secondary sources such as

company websites, association reports, annual reports, etc., were also studied by ChemAnalyst.

Key Target Audience:

LDPE manufacturers and other stakeholders

Organizations, forums, and alliances related to LDPE distribution

Government bodies such as regulating authorities and policymakers

Market research organizations and consulting companies

The study is useful in providing answers to several critical questions that are important for industry stakeholders such as LDPE manufacturers, distributors, and policymakers. The report also provides useful insights about which market segments should be targeted over the coming years to strategize investments and capitalize on growth opportunities.

Report Scope:

In this report, the India LDPE market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Market, by Application- Lamination Film, Extrusion Coating, Molding, Others

Market, by End Use- Agriculture, Electrical and Electronics, Packaging, Construction, Others

Market, by Sales Channel- Direct/Institutional Sales, Retail Sales, Other Channel Sales

Market, by Region- North, South, East, West

Available Customizations:

With the given market data, ChemAnalyst offers customizations according to a company's specific needs.

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