

Global Bimodal High Density Polyethylene (HDPE) Market Analysis: Plant Capacity, Location, Production, Operating Efficiency, Industry Market Size, Demand & Supply, End-User Industries, Sales Channel, Regional Demand, Company Share, Manufacturing Process, 2015-2032

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Abstracts

Global bimodal HDPE demand stood at around 17.8 Million Tonnes in 2022 and is forecast to reach 27.2 Million Tonnes by 2032, growing at a healthy CAGR of 4.80% until 2032.

Bimodal HDPE is a type of HDPE that has both amorphous and crystalline regions. As a result, it benefits from the bimodality by having strength and stiffness of HDPE and high stress crack resistance and processability of a unimodal medium density polyethylene. It is a mixture of low molecular weight HDPE and High molecular weight HDPE. Bimodal HDPE has several properties including high mechanical strength, durability, chemical resistance, lightweight, etc. Major applications of bimodal HDPE are bimodal HDPE pipe, bimodal HDPE film, and bimodal HDPE blow molding. The end-user industries for bimodal HDPE are gas and water pipelines, detergent bottles, food storage containers, bottle caps, and others. Growing demand from the end-user industries such as gas and water pipelines, detergent bottles, and food storage containers is expected to drive the demand for bimodal HDPE for the forecast period. Moreover, the growing demand for biodegradable plastics is expected to hinder demand growth during the forecast period.

In 2020, the spread of COVID-19 in major global economies caused nationwide lockdowns which had an impact on several industries. Detergents and cleaners were among the most affected industries during the pandemic. This had an impact on the

demand for bimodal HDPE for the first half of 2020. Therefore, the demand for bimodal HDPE grew during the coronavirus pandemic from the detergents and cleaners bottles segment due to increased awareness about health and hygiene.

Region-wise, Asia-Pacific region holds the major share of global demand for bimodal HDPE due to the increasing demand of application industries such as detergents and cleaners. Moreover, the increasing number of products using bimodal HDPE is another factor influencing demand growth in Asia-Pacific.

Years considered for this report:

Historical Period: 2015-2022

Base Year: 2022

Estimated Year: 2023

Forecast Period: 2024–2032

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

Objective of the Study:

To assess the demand-supply scenario of bimodal HDPE which covers production, demand and supply of bimodal HDPE market globally.

To analyse and forecast the market size of bimodal HDPE .

To classify and forecast global bimodal HDPE market based on end-use, sales channel and regional distribution.

To examine competitive developments such as expansions, new product launches, mergers & acquisitions, etc., in global bimodal HDPE market.

To identify leading players involved in the manufacturing of

bimodal HDPE.

Major players for bimodal HDPE globally include The Dow Chemical Company, Chevron Phillips Chemical Company, Saudi Basic Industries Corporation (SABIC), Exxon Mobil Corporation, Dynalab Corp., LyondellBasell Industries N.V., INEOS AG, SINOPEC Beijing Yanshan Company, PetroChina Company Ltd., Braskem, Formosa Plastics Corporation, Daelim Industrial Co. Ltd., Prime Polymer Co. Ltd. and Mitsui Chemicals Inc.

To extract data for global bimodal HDPE market, primary research surveys were conducted with bimodal HDPE 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 Global bimodal HDPE market over the coming years.

ChemAnalyst calculated bimodal HDPE demand globally by analyzing the historical data and demand forecast which was carried out considering bimodal HDPE prices, materials used for production of bimodal HDPE . ChemAnalyst sourced these values from industry experts and company representatives and externally validated 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:

bimodal HDPE manufacturers and other stakeholders

Organizations, forums and alliances related to bimodal HDPE distribution

Government bodies such as regulating authorities and policy makers

The study is useful in providing answers to several critical questions that are important for industry stakeholders such as bimodal HDPE manufacturers, customers and policy makers. The study would also help them to target the growing segments over the

coming years, thereby aiding the stakeholders in taking investment decisions and facilitating their expansion.

Report Scope:

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

Market, by End Use- Gas and Water Pipeline, Detergent Bottles, Food Containers, Bottle Caps, and others

Market, by Sales Channel-Direct Sales, Indirect Sales

Market, by Region-North America, APAC, Europe, MEA, South America

Available Customizations:

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

Contents

1. INDUSTRY MARKET SIZE

It is an essential metric for market analysis, as it provides insights into the overall size and growth potential of Bimodal HDPE market in terms of value and volume.

2. CAPACITY BY COMPANY

On our online platform, you can stay up to date with essential manufacturers and their current and future operation capacity on a practically real-time basis for Bimodal HDPE.

3. CAPACITY BY LOCATION

To better understand the regional supply of Bimodal HDPE by analyzing its manufacturers' location-based capacity.

4. PLANT OPERATING EFFICIENCY [QUARTERLY UPDATE]

To determine what percentage manufacturers are operating their plants or how much capacity is being currently used.

5. PRODUCTION BY COMPANY [QUARTERLY UPDATE]

Study the historical annual production of Bimodal HDPE by the leading players and forecast how it will grow in the coming years.

6. DEMAND BY END- USE [QUARTERLY UPDATE]

Discover which end-user industry (Gas and Water Pipeline, Detergent Bottles, Food Containers, Bottle Caps, and others) are creating a market and the forecast for the growth of the Bimodal HDPE market.

7. DEMAND BY REGION

Analysing the change in demand of Bimodal HDPE in different regions, i.e., North America, Europe, Asia Pacific, Middle East and Africa, and South America, that can direct you in mapping the regional demand.

8. DEMAND BY SALES CHANNEL (DIRECT AND INDIRECT)

Multiple channels are used to sell Bimodal HDPE. Our sales channel will help in analyzing whether distributors and dealers or direct sales make up most of the industry's sales.

10. DEMAND-SUPPLY GAP

Determine the supply-demand gap to gain information about the trade surplus or deficiency of Bimodal HDPE.

11. COMPANY SHARE

Figure out what proportion of the market share of Bimodal HDPE is currently held by leading players across the globe.

12. MANUFACTURING PROCESS

Discover insights into the intricate manufacturing process of Bimodal HDPE.

13. PRICING ANALYSIS & FORECAST

Analyze historical prices since 2015 & Forecast on three months rolling period for next 12 months.

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