

# India Propylene Market Analysis: Plant Capacity, Production, Operating Efficiency, Demand & Supply, End-User Industries, Sales Channel, Regional Demand, Company Share, Foreign Trade, FY2015-FY2035

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## Abstracts

The India Propylene market has grown significantly in the past years and reached 6.3 million tonnes in FY2022 and is expected to further grow at a steady CAGR of 6.01% during the forecast period until FY2035. Rising demand of polypropylene for flexible food packaging and producing other plastic commodities is anticipated to cause Propylene market expansion in India.

Propylene is a colorless and combustible gas with chemical formula  $C_3H_6$  which is synthesized from petroleum. Primarily, propylene is used to make polypropylene polymers for injection molding, fibres, and cumene (used in phenol production). Additionally, isopropanol, acrylic acid, oxo alcohols, and propylene oxide are all made from propylene. Polypropylene, a significant member of the polyolefin resin family, is molded or extruded into a wide variety of plastic goods and parts. Polypropylene displays properties like hardness, elasticity, low weight, and heat resistance and find application in various industries such as automobile components, flexible food packaging, upholstery, camping goods, etc. Polypropylene is also frequently utilized in the automotive sector, including for batteries casings, tray and beverage holders, bumpers, interior details, and door moldings. With the growing demand of automobiles with the growing per capita income and modernization in the nation, the demand of polypropylene is anticipated to rise, resulting an expected rise in the Propylene consumption. Owing to these reasons, the Propylene market is estimated to reach approximately 13 million tonnes by FY2035.

Based on the region, the Propylene market is segmented into West, South, North, and South. In the historic period of FY2015-FY2021, West India has been dominating the market and accounted about 37% of the Propylene market in FY2022. Gujarat is being the largest consumer of propylene owing to the location of numerous polypropylene production sites located in this state. In FY2022, Gujarat remained the dominant state for the manufacturing of propylene and polypropylene homopolymer (PPHP). India Oil Corporation Limited (IOCL) is aiming to construct up a new manufacturing line in Gujarat with a capacity of about 500 KTPA. This line is expected to be operational by FY2025. In Vadinar, Gujarat, a propylene recovery unit is anticipated to be established by a new market player, Nayara Energy Limited.

Based on end-use, the India Propylene market is segregated into Polypropylene, Isopropanol, Acrylonitrile, Oxo alcohol, and Others. Among these industries, the Polypropylene industry is dominating the Propylene market. In FY2022, this industry consumed 90% of the Propylene market. With the food and beverage industry's growing need for flexible packaging made of polypropylene films, the propylene industry is anticipated to further expand in the forecast period.

Major players in the India Propylene market are Bharat Petroleum Corporation Limited, Hindustan Petroleum Corporation Limited, Indian Oil Corporation Limited, Reliance Industries Limited, Haldia Petrochemicals Limited, HPCL-Mittal Energy Limited, ONGC Petro additions Limited, and Others.

Years considered for this report:

Historical Period: FY2015-FY2022

Base Year: FY2022

Estimated Year: FY2023

Forecast Period: FY2024- FY2035

Objective of the Study:

To assess the demand-supply scenario of Propylene which covers production, demand and supply of Propylene market in India.

To analyse and forecast the market size of Propylene in India.

To classify and forecast India Propylene market based on end-use and regional distribution.

To examine competitive developments such as expansions, green field projects/ brown field expansions, mergers & acquisitions, etc., of Propylene market in India.

To extract data for India Propylene market, primary research surveys were conducted with Propylene manufacturers, suppliers, distributors, wholesalers and Traders. 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 segments and projected a positive outlook for India Propylene market over the coming years.

ChemAnalyst calculated Propylene demand in India by analyzing the historical data and demand forecast which was carried out considering the imports and domestic production coupled with demand from end user industry. ChemAnalyst sourced these values from industry experts and company representatives and externally validated through analyzing historical sales data / import data of Propylene 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:

Propylene manufacturers and other stakeholders

Organizations, forums and alliances related to Propylene distribution

Government bodies such as regulating authorities and policy makers

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

Market, by End-use: Polypropylene, Isopropanol, Acrylonitrile, Oxo alcohol, and Others

Market, by Sales Channel: Direct Sale and Indirect Sale

Market, by Region: Northern India, Southern India, Eastern India, Western India

#### Available Customizations:

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

## Contents

### **1. 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 Propylene.

### **2. CAPACITY BY LOCATION**

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

### **3. PRODUCTION BY COMPANY**

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

### **4. DEMAND BY END- USE**

Discover which end-user industry (Polypropylene, Isopropanol, Acrylonitrile, Oxo alcohol, and Others) are creating a market and the forecast for the growth of the Propylene market.

### **5. DEMAND BY REGION**

Analyzing the change in demand of Propylene in different regions across India, i.e., Northern India, Southern India, Eastern India, Western India, that can direct you in mapping the regional demand.

### **6. DEMAND BY SALES CHANNEL (DIRECT AND INDIRECT)**

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

### **7. DEMAND-SUPPLY GAP**

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

## **8. COMPANY SHARE**

Figure out what proportion of the market share of Propylene is currently held by leading players across India.

## **9. COUNTRY-WISE EXPORT**

Get details about quantity of Propylene exported by major countries.

## **10. COUNTRY-WISE IMPORT**

Get details about quantity of Propylene imported by major countries.

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