

# India Expanded Polystyrene Market Analysis: Plant Capacity, Production, Operating Efficiency, Demand & Supply, End-User Industries, Sales Channel, Regional Demand, Company Share, Foreign Trade, FY2015-FY2030

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## Abstracts

India Expanded Polystyrene market is anticipated to grow at a steady CAGR of 5.81% by FY2030. Increasing use of Expanded Polystyrene due to its inertness, high stability, and thermal resistance drives its applications in numerous industries such as the food & industrial packaging industry and is anticipated to spur the demand for Expanded Polystyrene in India.

Expanded polystyrene (EPS) is a white rigid material formed from expanded polystyrene beads. It is a plastic foam insulation product that is lightweight and stiff. The inflated and then molded EPS beads are utilized to create larger EPS blocks that are then used to construct walls, ceilings, flooring, basements, and architectural features. The low-density polymer known as EPS, which is organized into separate cells, has high moisture resistance, good chemical barrier protection, and lightweight properties. The addition of graphite enhances the insulating qualities of completed goods, paving the way for their application in the construction industry.

The construction of various residential buildings is majorly driving the demand for Expanded Polystyrene due to its unique durability and perfect thermal efficiency. As the product is lightweight, it is widely used in packings of fragile items such as glassware or moreover as solid blocks to improve the safety of products. Additionally, to improve the safety of the products related to pharmaceuticals, it is used in cold chain packaging, which is one of the major applications of Expanded Polystyrene. Furthermore, when it comes to food and beverages, Expanded Polystyrene helps them to retain and maintain

the freshness of the products. Additionally, in the automotive industries, Expanded Polystyrene plays a very important role to provide comfort to passengers. EPS Foams are used in the manufacturing of seats used in vehicles. Additionally, EPS foams are used to insulate air conditioning equipment in vehicles and in reducing the transmission of engine noise inside the cabin. Internal parts for the refrigeration and air conditioning industries are also made from EPS because they can be molded in one piece, has the necessary rigidity, and has the necessary insulation qualities.

Based on region, India Expanded Polystyrene Market is segregated into North, South, East, and West. In the historic period of FY2015-FY2022, West India has been dominating the market. In FY2022, West India consumed approximately 35% of the market, owing to the presence of plasticizers located in Western states like Gujarat, Maharashtra, and Rajasthan.

Based on end-use, India Expanded Polystyrene Market is divided into Industrial Packaging, Food Packaging, Building & Construction, and Others. As of FY2022, the Industrial Packaging industry is dominating the EPS market with a share of 36%. The insulating properties, chemical inertness, bacterial and pest resistance, etc. of EPS make it a popular material in the packaging sector. It can only absorb a small amount of water according to its closed-cell structure.

Major players operating in India Expanded Polystyrene market include Supreme Petrochem, Lg Polymers India Pvt. Ltd., K.K Nag Pvt. Ltd and others. Some of the global key players in the product market include SYNTHOS, BASF, and Others.

Years considered for this report:

Historical Period: FY2015-FY2022

Base Year: FY2022

Estimated Year: FY2023

Forecast Period: FY2024- FY2030

Objective of the Study:

To assess the demand-supply scenario of

Expanded Polystyrene which covers production, demand and supply of Expanded Polystyrene market in India.

To analyse and forecast the market size of Expanded Polystyrene in India.

To classify and forecast India Expanded Polystyrene 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 Expanded Polystyrene market in India.

To extract data for India Expanded Polystyrene market, primary research surveys were conducted with Expanded Polystyrene 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 Expanded Polystyrene market over the coming years.

ChemAnalyst calculated Expanded Polystyrene 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 Expanded Polystyrene 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:

Expanded Polystyrene manufacturers and other stakeholders

Organizations, forums and alliances related to Expanded Polystyrene 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 Expanded Polystyrene 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 Expanded Polystyrene market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Market, by End-use: Industrial Packaging, Food Packaging, Building & Construction, and Others

Market, by Sales Channel: Direct Sale and Indirect Sale

Market, by Region: North India, South India, East India, West 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 Expanded Polystyrene.

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

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

### **3. PLANT OPERATING EFFICIENCY**

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

### **4. PRODUCTION BY COMPANY**

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

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

Discover which end-user industry (Industrial Packaging, Food Packaging, Building & Construction, and Others) are creating a market and the forecast for the growth of the Expanded Polystyrene market.

### **6. DEMAND BY REGION**

Analyzing the change in demand of Expanded Polystyrene in different regions across India, i.e., North India, South India, East India, West India, that can direct you in mapping the regional demand.

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

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

industry's sales.

## **8. DEMAND-SUPPLY GAP**

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

## **9. COMPANY SHARE**

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

## **10. COUNTRY-WISE EXPORT**

Get details about quantity of Expanded Polystyrene exported by major countries.

## **11. COUNTRY-WISE IMPORT**

Get details about quantity of Expanded Polystyrene imported by major countries.

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