

India Polycarbonate Market Analysis: Demand & Supply, End Use, Type, Grade, Distribution Channel, Region, Competition, Trade, Customer & Price Intelligence Market Analysis, 2015-2030

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Abstracts

India Polycarbonate market demand stood at 0.26 Million Tonnes in FY2021 and is forecast to reach 0.42 Million Tonnes by FY2030, growing at a healthy CAGR of 5.50% until FY2030.

Polycarbonate is a transparent thermoplastic polymer derived from phosgene and bisphenol-A. Its high impact strength and high ductility give it a competitive edge over other plastics. The electrical and electronics industry followed by the consumer goods industry primarily drives the demand for Polycarbonate for the manufacturing of various devices owing to its lightweight and break resistance. As Polycarbonate is appreciably utilized in the manufacturing of medical syringes and single-use medical packaging, the sudden outbreak of Coronavirus in Q4 of FY 20 has caused an incredible increment in the consumption of Polycarbonates on high demand for medical facilities to combat the Coronavirus stress. This outgrown demand from the medical industry is likely to propel the consumption of Polycarbonate in the coming years on persisting dilemma over the complete abatement of the virus. However, the slowdown in the automotive sector in FY2019, further exacerbated by the outbreak of Coronavirus has subsequently lingered the demand for the product. The reduced production of automobiles to combat the revenues affected by low buying sentiments has led to a downtrend in the demand for raw materials like Polycarbonates utilized in the manufacturing of interior and exterior components of automobiles. Moreover, Polycarbonates finds excessive applications in the construction industry for the manufacturing of wall panels, roof panels, skylights, and others. The demand from the construction sector is expected to remain still on low investments on projects affected by the slowdown in the economy.

In contrast, a steep rise in demand for packaging of food materials as an outcome of increasing demand for single-use plastic packaging in fear of virus infection is likely to emerge as the potential segment for the growth of the India Polycarbonate market in the forecast period.

The demand for Polycarbonate in India is completely catered through Imports as there is no domestic production. As the market prompts huge potential for new players to emerge, GAIL Limited, a state-owned natural gas company, has proposed the greenfield project to set up the first Polycarbonate Plant in the country with a total capacity of around 1.6-2 million tons. Although the plant location, investment, and other articulates are yet to be announced. Owing to the excessive demand for Polycarbonates, this project after completion is anticipated to consolidate high revenues for the country.

The demand for Polycarbonate in India varies with its different grades and types. The general-purpose grade of Polycarbonate holds the maximum consumption share in the country on account of its abundant use in the automotive industry. Moreover, the demand for Polycarbonate in India is perceived to vary with regions too. North and West regions encompass major consumption due to the presence of a large number of end-user industries and a vast distribution channel.

Years Considered for this Report:

Historical Years: FY2015-FY2020

Base Year: FY2021

Estimated Year: FY2022

Forecast Period: FY2023 – 2030

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

polycarbonate demand, inventory, and the demand-supply gap in India.

To categorize polycarbonate demand based on type, grade, end use, region and sales channel.

To study trade dynamics and company share in India polycarbonate market.

To identify major customers of polycarbonate in India.

To evaluate and forecast polycarbonate pricing by grade in India.

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

To identify major news, deals, and expansion plans in the India polycarbonate market.

As currently there is no production of Polycarbonates in the country, the entire demand for the product is met through imports. Some of the major players operating in the India polycarbonate market are Thai Polyacetal Company Limited and Thai Polycarbonate Company Limited, Saudi Arabic Industry Corporation, LG Chem Ltd, Formosa Industrial Petrochemical Corporation, Chi Mei Corporation, etc

Polycarbonate being a crude oil derivative, prices of the product are highly susceptible to prices of crude oil. The unprecedented dive in the prices of crude oil in the final quarter of FY 20 on overproduction due to the rift between OPEC countries, followed by slacked demand on travel and transport restrictions after the Coronavirus outbreak has slumped the prices of its derivatives like benzene and styrene. Consequently, prices of feedstock Bisphenol A witnessed a downward pressure on falling prices of feedstock Phenol at the back of reduced demand resulting from the halt in industrial activities. Owing to the fluctuation in market dynamics, prices of Polycarbonate underwent a fall of over 20 percent from the previous financial year. However, the prices are anticipated to recover in the coming years on high demand for Polycarbonate from the medical and electronics industry.

To extract data for the India polycarbonate market, primary research surveys were

conducted with polycarbonate 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 polycarbonate market over the coming years.

ChemAnalyst calculated polycarbonate demand in India by analyzing the historical data and demand forecast was carried out considering crude oil prices. 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:

Polycarbonate manufacturers and other stakeholders

Organizations, forums, and alliances related to polycarbonate distribution

Government bodies such as regulating authorities and policymakers

Market research organizations and consulting companies

Report Scope:

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

Market, by Type- Polycarbonate Syringe, Polycarbonate tubes/pipes, Polycarbonate Films, and Others

Market, by Grade- General Purpose Grade, Machine Grade, Industrial Grade, Medical Grade, Food Grade, and Others

Market, by End Use- Electrical & Electronics, Automotive, Building & Construction, Consumer Products, Medical, and Others

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

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

The study is useful in providing answers to several critical questions that are important for industry stakeholders, such as polycarbonate 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.

Available Customizations:

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

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