

India Blow Molded Plastics Market, By Product (Polypropylene, Acrylonitrile Butadiene Styrene, Polyethylene, Polystyrene, PVC, Others), By Technology (Extrusion, Injection, Stretch, Others), By Application (Packaging, Consumables & Electronics, Automotive & Transport, Building & Construction, Others), By Region, Competition, Forecast & Opportunities, 2019-2029F

Market Report (3 business days) | 2023-10-03 | 77 pages | TechSci Research

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Report description:

India Blow Molded Plastics Market is anticipated to grow significantly rate in the projected period of 2029 which is driven by the increasing demand from packaging sector. In 2020, according to the Indian Institute of Packaging (IIP), packaging consumption in India increased from 4.3 kgs per person per annum (pppa) to 8.6 kgs pppa.

India Blow Molded Plastics Market is expected to expand during the projected period due to increasing demand from packaging sector as the rise of e-commerce has created a surge in demand for efficient and lightweight packaging solutions. Blow molded plastic containers, bottles, and packaging materials offer durability, versatility, and cost-effectiveness, making them ideal for the e-commerce sector.

Moreover, the demand for plastic product in building & construction applications is increasing because of its properties such as comfort, energy conservation, protection against water, and lightweight. These plastics are used in sewage pipes, wires and cables in buildings, as plastics are flame retardant and flexible. Along with this, blow molded plastics are also used in the production of automotive parts that including the panel, railing, bumper support, mudguards and door locking systems. Thus, rising demand of blow molded plastics from various sectors lead to growing the demand of India Blow Molded Plastic Market in the upcoming years.

Rising Demand from Packaging Sector

The packaging industry in India has undergone a significant transformation in recent years, driven by changing consumer preferences, rapid urbanization, and the booming e-commerce sector. Within this dynamic landscape, blow molded plastics have

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emerged as a preferred choice for packaging solutions. One of the primary reasons for the growing demand for blow molded plastics in the packaging sector is their lightweight and durable nature. Blow molded plastic containers, bottles, and packaging materials offer exceptional strength-to-weight ratios, making them ideal for various applications. As consumers increasingly prioritize convenience and portability, lightweight packaging solutions have gained prominence in sectors such as food and beverages, personal care, and pharmaceuticals. The use of blow molded plastics enables efficient transportation, reduces shipping costs, and enhances product safety during handling and distribution. In addition, blow molded plastics provide unmatched versatility and design flexibility to packaging manufacturers. The process allows for the creation of complex shapes, intricate designs, and customized packaging solutions tailored to specific product requirements. This flexibility is particularly advantageous for industries like cosmetics, household products, and personal care, where brand differentiation and eye-catching packaging play a vital role in attracting consumers. Blow molded plastics offer endless possibilities for unique shapes, vibrant colors, and innovative packaging designs, thereby enhancing product appeal and shelf presence. For instance, according to India Brand Equity Foundation, in Jan 2023, the Indian plastic processing industry comprises approximately 30,000 units that use injection molding, blow molding, extrusion, and calendaring to create a wide range of products. Moreover, India's e-commerce industry has experienced exponential growth in recent years, necessitating the need for efficient and reliable packaging solutions. Blow molded plastics have emerged as a preferred choice for e-commerce packaging due to their durability, resistance to impact, and ability to protect products during transportation. The secure closures and tamper-evident features offered by blow molded plastic containers and bottles further enhance product integrity and consumer confidence in online purchases. With the increasing number of online shoppers in India, the demand for blow molded plastic packaging solutions is set to soar. Moreover, the food and beverage industry are a key driver of the blow molded plastics market in the packaging sector. The demand for blow molded plastic containers and bottles for beverages, sauces, condiments, edible oils, and other food products has witnessed substantial growth. Blow molded plastics offer excellent barrier properties, ensuring product freshness, preventing leakage, and extending shelf life. Furthermore, the ability to incorporate features such as tamper-evidence, resealability, and easy pour spouts enhances consumer convenience and promotes brand loyalty. For instance, PepsiCo Inc. is using additive manufacturing in addition to blow molding to develop beverage bottles faster at a reduced cost.

Furthermore, the lightweight nature of blow molded plastics helps reduce material consumption and minimize carbon emissions throughout the packaging life cycle. The adoption of such sustainable packaging initiatives is driving the demand for blow molded plastics in India's packaging sector which led to the growth of India Blow Molded Plastics Market in the upcoming years.

Growing Focus of Blow Molded Plastics in the Consumables & Electronics Sector

The electronics sector in India has witnessed remarkable growth, driven by increasing digitalization, advancements in technology, and rising demand for consumer electronics. Blow molded plastics play a crucial role in the production of electronic component enclosures and housings. These plastics offer excellent electrical insulation properties, corrosion resistance, and impact strength, ensuring the protection and longevity of electronic devices. Blow molded plastics enable the creation of intricate shapes, precise dimensions, and custom designs, facilitating the integration of electronic components into a wide range of products, including smartphones, tablets, appliances, and automotive electronics. The consumables sector, encompassing products such as personal care items, household goods, and cleaning products, requires robust and reliable packaging solutions. Blow molded plastics offer exceptional qualities that make them well-suited for this sector. They provide durability, resistance to impact, and product protection during transportation and handling. For instance, According to the 'A call to action for broadening and deepening electronics manufacturing' report by the Ministry of Electronics and IT, India aims to achieve electronics manufacturing worth USD 300 billion by 2026. Additionally, blow molded plastics can be designed with features like tamper-evident closures, easy dispensing mechanisms, and customized shapes, catering to the specific needs of consumable products. These attributes have made blow molded plastics the packaging material of choice for various consumables in India.

Furthermore, blow molded plastics offer manufacturers in the consumables and electronics sectors unparalleled customization and design flexibility. The blow molding process allows for the creation of complex shapes, precise contours, and customized features that meet the specific requirements of products. This versatility is particularly valuable in the electronics sector, where space optimization, functionality, and aesthetics are essential. With blow molded plastics, manufacturers can produce enclosures, casings, and housing solutions that not only protect electronic components but also offer sleek designs, ergonomic shapes, and

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branding opportunities. Hence, the increased use of blow molded plastics in the consumables & electronics sector fueling the India Blow Molded Plastics Market growth in the projected period.

Increasing Supportive Policies of Government Dominate the Market Growth

Indian government has played a crucial role in supporting the growth of the E-commerce in the country by implementing favorable policies and regulations and various initiatives, namely Digital India, Make in India, Start-up India, Skill India and Innovation Fund. Initiatives such as the "Make in India" campaign have encouraged domestic manufacturing, thereby boosting the production of Blow Molded Plastics within the country. Additionally, regulatory bodies such as the Bureau of Indian Standards (BIS) and the Food and Drug Administration (FDA) have established stringent quality standards and guidelines to ensure the safety and efficacy of various products packaging.

For instance, in 2020, the Minister of Commerce and Industry, invited start-ups to register at public procurement portal, Government e-Marketplace (GeM), and offer goods and services to government organisations and PSUs.

Additionally, support by government regarding the manufacturing of electronics items such as mobile, laptops, LED products lead to increase the demand of plastic materials. For instance, Indian government starts Phased Manufacturing Programme (PMP), for boosting the domestic value addition of sub-assemblies and mobile phones and make India as an attracting investment in the electronics sector, and help in the established manufacturing capabilities.

All these factors dominate the Demand of India Blow Molded Plastic Market in the forecast period.

However, the consumption of plastic materials increases result in the generation of waste and limited recyclability affected the market growth. Along with this, advancement in technology for enhancing the product quality lead to increase the production cost, result in the rise of the product hampering the growth of the market.

Market Segmentation

India Blow Molded Plastics Market is segmented based on product, application, and region. Based on the product, the India Blow Molded Plastics Market is divided into polypropylene, acrylonitrile butadiene styrene, polyethylene, polystyrene, PVC, and others. Based on the technology, the India Blow Molded Plastics Market is fragmented into extrusion, injection, stretch, and others. Based on the application, the India Blow Molded Plastics Market is categorized into packaging, consumables & electronics, automotive & transport, building & construction, others. Based on region, the market is segregated into North, East, West and South.

Company Profiles

Sabic Innovative Plastics India Pvt. Ltd, BASF India Ltd., Dow Chemical International Pvt. Ltd., ExxonMobil Company India Pvt. Ltd., Covestro (India) Pvt. Ltd., Basell Polyolefins India Pvt Ltd, INEOS Styrolution India Limited, Awanti Polymoulds, Berry Global India Private Limited, Parekhplast India Limited are some of the key players in India Blow Molded Plastics Market.

Report Scope:

In this report, India Blow Molded Plastics Market has been segmented into the following categories, in addition to the industry trends, which have also been detailed below:

□ India Blow Molded Plastics Market, By Product:

- o Polypropylene
- o Acrylonitrile Butadiene Styrene
- o Polyethylene
- o Polystyrene
- o PVC
- o Others

□ India Blow Molded Plastics Market, By Technology:

- o Extrusion
- o Injection
- o Stretch
- o Others

□ India Blow Molded Plastics Market, By Application:

- o Packaging
- o Consumables & Electronics

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o Automotive & Transport

o Building & Construction

o Others

o India Blow Molded Plastics Market, By Region:

o North

o East

o West

o South

Competitive landscape

Company Profiles: Detailed analysis of the major companies in India Blow Molded Plastics Market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

o Detailed analysis and profiling of additional market players (up to five).

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