Blow Molded Plastics Market By Type (Injection Blow Molding, Extrusion Blow Molding, Others), By Material (Polyethylene, Polyethylene Terephthalate, Polypropylene, Polyamide, Polycarbonate, Polyvinyl chloride, Others), By End-use industry (Medical, Packaging, Building and Construction, Automotive and transportation, Electrical and electronics, Others): Global Opportunity Analysis and Industry Forecast, 2023-2032

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Report description:

The global blow-molded plastics market was valued at $72.6 billion in 2022 and is projected to reach $108.5 billion by 2032, growing at a CAGR of 4.2% from 2023 to 2032.

Blow molding is a molding process used in the manufacturing industry to create hollow objects made of plastic. Like other molding processes, it involves the use of heated, liquid material that's forced into a mold cavity under pressure. Blow molding is a special type of molding process, however, that leverages the properties of traditional glassblowing.

There are several different types of blow molding, one of which is extrusion. Known as extrusion blow molding (EBM), it is a common molding process used in the manufacturing industry because of its ability to mass-produce a large volume of objects in the same size and shape. Another common type of blow molding process is injection blow molding. Using either one or two stages, injection blow molding is typically used to create plastic bottles. It's specifically effective for creating preforms of plastic bottles, which are then either sold to bottling companies or used to manufacture a bottle.

There are many advantages to the blow molding process over other forms of plastic product manufacturing. Blow molding is a cost-effective alternative to injection molding, with both production and machinery being cheaper typically. Blow molding works well for products that are one single piece. It can produce objects that do not require assembly or the connecting of halves.

Therefore, it is particularly effective for containers that require exterior threading. Blow molding also reduces flash. Flash is the little burs or plastic bleed around the edges of the products. This excess plastic from the production process requires extra finishing work to sand off or remove it before a part can be shipped. Blow molding techniques create a little-to-no flash, resulting in quicker turnaround times for blow-molded products.

Blow-molded plastics find applications in various industrial sectors, such as construction, agriculture, and chemical processing. They are used for manufacturing tanks, containers, drums, pipes, and other industrial equipment. The demand for blow-molded plastics in these sectors is driven by factors like durability, chemical resistance, and cost-effectiveness.

The availability of alternative materials, such as biodegradable plastics, paper-based packaging, and reusable containers, can pose a challenge to the demand for blow-molded plastics. As consumers and industries seek more sustainable options, these alternatives may gain popularity, reducing the demand for traditional blow-molded plastics.

Developing economies and emerging markets present opportunities for blow-molded plastics. As these regions experience industrialization, urbanization, and rising consumer demand, there is a growing need for packaging, consumer goods, and infrastructure. Manufacturers that can establish a presence in these markets and offer cost-effective blow-molded plastic solutions have the potential to capture new customers and expand their market share.

The report highlights numerous factors that influence the growth of the global blow-molded plastics market. This report further outlines the current trends and key areas of investment. In addition, it includes Porter's five forces analysis to understand the competitive scenario of the industry and the role of each stakeholder. The report features the strategies adopted by key market players to maintain their foothold in the market. Furthermore, it highlights the competitive landscape of the key market players to increase their market share and sustain the intense competition in the industry.

The global blow-molded plastics market is segmented into types, materials, end-use industry, and regions. On the basis of type, the market is classified into injection blow molding, extrusion blow molding, and others. By materials, the market is segmented into polyethylene, polyethylene terephthalate (PET), polypropylene (PP), polyamide (PA), polycarbonate (PC), polyvinylchloride (PVC), and others. As per the end-use industry, it is categorized into medical, packaging, building & construction, automotive & transportation, electrical & electronics, and others. Region-wise, the market is studied across North America, Europe, Asia-Pacific, and LAMEA.

The major players operating in the global blow molded plastics market include Dow, Inpress, Plastic Forming Company, Inc., Garrtech Inc., Creative Blow Mold Tooling, Custom-Pak, Inc., APEX Plastics, Gemini Group, Comar, and DuPont.

Key Benefits For Stakeholders

-This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the blow molded plastics market analysis from 2022 to 2032 to identify the prevailing blow molded plastics market opportunities.

-The market research is offered along with information related to key drivers, restraints, and opportunities.

-Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.

-In-depth analysis of the blow molded plastics market segmentation assists to determine the prevailing market opportunities.

-Major countries in each region are mapped according to their revenue contribution to the global market.

-Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.

-The report includes the analysis of the regional as well as global blow molded plastics market trends, key players, market segments, application areas, and market growth strategies.

Additional benefits you will get with this purchase are:

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- Investment Opportunities
- Product Life Cycles
- Go To Market Strategy
- Regulatory Guidelines
- Brands Share Analysis
- SWOT Analysis

Key Market Segments

By Type
- Injection Blow Molding
- Extrusion Blow Molding
- Others

By Material
- Polyethylene
- Polyethylene Terephthalate
- Polypropylene
- Polyamide
- Polycarbonate
- Polyvinyl chloride
- Others

By End-use industry
- Medical
- Packaging
- Building and Construction
- Automotive and transportation
- Electrical and electronics
- Others

By Region
- North America
- U.S.
- Canada
- Mexico
- Europe
- Germany
- UK
- France
- Spain
- Italy
- Rest of Europe
- Asia-Pacific
- China

- India
- Japan
- South Korea
- Australia
- Rest of Asia-Pacific
- LAMEA
- Brazil
- Saudi Arabia
- South Africa
- Rest of LAMEA
- Key Market Players
- Garrtech Inc.
- Custom-Pak, Inc.
- Apex Plastics
- Plastic Forming Company, Inc.
- Inpress
- Creative Blow Mold Tooling
- Comar
- Gemini Group, Inc.
- Dow

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