

Blow Moulded Plastics Market Report and Forecast 2025-2034

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Report description:

The global blow moulded plastics market size stood at a value of around USD 84.34 Billion in 2024. The market is further expected to grow in the forecast period of 2025-2034 at a CAGR of 3.50% to reach a valuation of USD 118.97 Billion by 2034.

Favourable Packaging Properties of Polypropylene (PP) is Driving the Global Blow Moulded Plastics Demand

Polypropylene (PP) plastics are inexpensive, versatile, unique, and easily mouldable. They offer excellent surface finishes along with low chances of defects such as voids, weld lines, and flow fronts. Over the forecast period, the anticipated increase in application of PP in the manufacture of household appliances and consumables is likely to lead to a heightened demand for the product.

The low coefficient of friction of PP helps fight moisture, which is a crucial property of the product that makes it ideal for the packaging industry. Furthermore, it offers good electricity-resistance, fatigue resistance, and can be easily repaired from damage. Therefore, it is likely to witness an escalated application in various end use industries in the coming years.

Asia Pacific Holds a Significant Share in the Market for Blow Moulded Plastics

The blow moulded plastics market in the Asia Pacific region is being driven by growing populations in the emerging economies such as India and China. They offer lucrative opportunities to the domestic manufacturers in the region. Over the forecast period, the steady economic growth of the developing countries is likely to lead to robust urbanisation across rural areas. This factor will drive the packaging industry in the coming years. The anticipated increase in demand for premium packaged food and beverage products is likely to further provide impetus to the food packaging industry, leading to a heightened demand for moulded plastics.

Market Segmentation

Blow moulded plastics are the types of plastics which are obtained by a unique manufacturing process that involves the melting of

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plastic which is then extruded into a long tube. Then air is pressurised and blown into the plastic, moulding it into the desired shape. This manufacturing process enables custom packaging which is accurate and aesthetically appealing.

Market Breakup by Resin

- Polypropylene (PP)
- Acrylonitrile Butadiene Styrene (ABS)
- Polyethylene (PE)
- Polystyrene (PS)
- Polyvinyl Chloride (PVC)
- Polyethylene Terephthalate (PET)
- Others

Market Breakup by Moulding Technology

- Extrusion Blow Moulding
- Injection Blow Moulding
- Stretch Blow Moulding
- Compound Blow Moulding

Market Breakup by Application

- Packaging
- Consumables and Electronics
- Automotive and Transport
- Building and Construction
- Medical
- Others

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Increasing Prevalence of Inguinal Hernia to Boost the Growth of the Blow Moulded Plastics Industry

The thriving packaging industry due to the increasing sales of FMCG, pharmaceutical, and consumer electronic products is propelling the demand for moulded plastics. In addition, the growing expansion of the e-commerce sector is also leading to a heightened demand for packaging components with high flexural strength. This factor is bolstering the product's demand and supporting the blow moulded plastics market.

Over the forecast period, the growing research and development activities in the manufacturing sector aimed towards cutting the overall manufacturing costs are likely to generate a significant demand for blow moulded plastics due to their inexpensiveness. The market is anticipated to be aided by the growing mergers and acquisitions aimed towards transforming the plastic

manufacturing process, which is likely to lead to a heightened demand for moulded plastics. Blow moulded plastics also exhibit high resistance to chemicals and moisture, due to which they are anticipated to witness an escalated demand in the medical applications such as packaging of medical equipment, sanitisers, and surgical tools.

Key Players in the Global Market for Blow Moulded Plastics

The report gives a detailed analysis of the following key players in the global blow moulded plastics market, covering their competitive landscape, capacity, and latest developments like mergers, acquisitions, and investments, expansions of capacity, and plant turnarounds:

- North American Plastics, Ltd

- Apex Plastics (PCE Inc.)

- Comar, LLC

- Agri-Industrial Plastics Company

- Creative Blow Mold Tooling

- Others

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis.

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