

Barrier Materials Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global barrier materials market size reached US\$ 3.0 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 4.1 Billion by 2028, exhibiting a growth rate (CAGR) of 5.4% during 2023-2028.

Barrier materials refer to various packaging and enclosure solutions designed to minimize or prevent the permeability of gases, liquids or radiation. They are effective against oxygen, nitrogen, carbon dioxide, water vapors, aroma compounds and light, and maintain the quality of the packaged contents. Some of the commonly used barrier materials include glass, metal, plastic and laminated films. They are often used along with polypropylene, polyethylene, polyamide, ethylene vinyl alcohol, polylactic acid and ethylene-vinyl acetate for improved sealing, optical clarity and various other mechanical and barrier properties. As a result, they find applications across various industries, such as food and beverage, pharmaceutical, cosmetics, automotive and agriculture.

Significant growth in the packaging industry across the globe represents one of the key factors creating a positive outlook for the market. Furthermore, the growing demand for effective packaging solutions from the pharmaceutical and food and beverage industries is augmenting the market growth. With rising awareness regarding food safety among the masses, barrier materials are widely used to manufacture packaging materials with enhanced shelf-life. They are also used for protecting products, such as meat, fish, dairy and farm produce, from contamination and deterioration in quality. Additionally, various product innovations, such as the development of bio-based barrier materials, are acting as other growth-inducing factors. In comparison to the traditionally used

materials, these bio-barriers are recyclable, compostable and biodegradable. In line with this, product manufacturers are also developing colorful prints and innovative adhesives to bond the layers together. Other factors, including the rising expenditure capacities of the consumers, along with extensive research and development (R&D) activities for the production of scratch and abrasion resistant materials, are anticipated to drive the market further.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global barrier materials market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type and end use industry.

Breakup by Type:

- Polyvinylidene Chloride (PVDC)
- Ethylene Vinyl Alcohol (EVOH)
- Polyethylene Naphthalate (PEN)
- Others

Breakup by End Use Industry:

- Pharmaceutical
- Food and Beverage
- Agriculture
- Cosmetics
- Automotive
- Others

Breakup by Region:

- North America

- United States
- Canada

- Asia Pacific

China
Japan
India
South Korea
Australia
Indonesia
Others

Europe

Germany
France
United Kingdom
Italy
Spain
Russia
Others

Latin America

Brazil
Mexico
Others

Middle East and Africa

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being 3M Company, Arkema Group, Asahi Kasei Corporation, Chang Chun Petrochemical Co., Ltd., Kuraray Co., Ltd., Kureha Corporation, Mondi plc, Solvay SA, Teijin Limited, and The Dow Chemical Company.

Key Questions Answered in This Report:

How has the global barrier materials market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global barrier materials market?

What are the key regional markets?

- What is the breakup of the market based on the type?
- What is the breakup of the market based on the end use industry?
- What are the various stages in the value chain of the industry?
- What are the key driving factors and challenges in the industry?
- What is the structure of the global barrier materials market and who are the key players?
- What is the degree of competition in the industry?

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