

Green Packaging Materials - A Global Market Overview

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Report description:

Green Packaging Materials Market Trends and Outlook

Green Packaging also called as sustainable packaging makes use of eco-friendly materials such as bioplastics, recyclable paper & plastics, plant-based biomaterials, organic fabrics and repurposed goods to make packages. On a daily basis, companies, such as Amazon, FedEx and UPS ship millions of packages, with only Amazon shipping 13 million every day and 5 billion prime packages annually. The environmental impact of cardboard boxes is much lower than that of plastic and Styrofoam packages due to being non-degradable and non-recyclable. The volume of waste generated by regular packaging materials stands at over 80 million tons annually, accounting for nearly 28% share of the total waste generated. Costs involved include US\$30 per ton in recycling waste, US\$50 per ton in transporting waste to a landfill and US\$65-75 for burning the same waste, thereby further harming the environment by the release of hazardous gases. All these factors come into play when assessing the need for more eco-friendly packaging materials.

The Green Packaging Materials market globally is likely to clock a CAGR of 6.9% during the 2024-2030 analysis period and reach a projected US\$464.3 billion by 2030 from an estimated US\$311.4 billion in 2024.

Green Packaging Materials are much in demand for various reasons and the primary factors driving the market comprise government regulations promoting a cleaner environment, initiatives by food & beverage companies to package products in greener alternatives, research & development efforts aimed at creating more sustainable green packaging and greater use of bioplastics.

Green Packaging Materials Regional Market Analysis

Europe and North America are the two largest global markets for Green Packaging Materials, followed by Asia-Pacific, South America and Middle East & Africa. An already existing consumer awareness in both the aforementioned regions about the detrimental ecological impact of plastic packaging materials has promoted the demand for Green Packaging Materials, especially in the food & beverage and healthcare & pharma sectors. On the other hand, Asia-Pacific is likely to be the fastest growing global market for Green Packaging Materials, owing to urbanization, a growing middle class population that demands sustainable products & packaging and greater awareness about the benefits offered by these materials. Several countries in the region have regulated or even banned the use of environmentally-harmful packaging materials, because of which a perceptible shift towards eco-friendly solutions has been observed. South America and Middle East & Africa represent other regions where this trend is noticeable and will likely continue.

Green Packaging Materials Analysis by Type

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By type, the market for Green Packaging Materials can be categorized into Recycled Content Packaging (including Paper, Metal, Plastic & Glass), Reusable Packaging (including Drums, Plastic Containers & Intermediate Bulk Containers) and Degradable Packaging. Recycled Content Packaging represents the largest type of Green Packaging Material used, owing to the fact that recycled plastics, such as polyethylene terephthalate (PET) and high-density polyethylene (HDPE) are among the most widely used to make bottles, pouches and containers because of being cost-effective. Impressive growth is likely to be posted by Recycled Content Packaging derived from Paper, since certain properties of paper, such as waterproofing, can be enhanced by treating it with coatings and laminates, thereby improving its effectiveness for several applications.

Green Packaging Materials Analysis by End-Use Industry

The primary end-user industries of Green Packaging Materials include Chemicals, Consumer Products, Food & Beverage, Healthcare & Pharma and Personal Care. Food & Beverage is the clear leader among these sectors in terms of demand for Green Packaging Materials, which can be attributed to growing recognition of sustainable packaging solutions, such as compostable and molded pulp. These are frequently utilized for packaging fast foods, takeaway meals, frozen foods, dairy products, beverages and also pet foods. The Healthcare & Pharma industry, however, is anticipated to record the fastest CAGR for Green Packaging Materials during the analysis period. The reasons for this include conformation to stringent regulations regarding product integrity, wider use of glass packaging in pharmaceutical applications and the use of recyclable aluminum foil for packaging medications.

Green Packaging Materials Market Report Scope

This global report on Green Packaging Materials analyzes the market based on type and end-use industry. In addition to providing profiles of major companies operating in this space, the latest corporate and industrial developments have been covered to offer a clear panorama of how and where the market is progressing.

Key Metrics

Historical Period: 2021-2023

Base Year: 2023

Forecast Period: 2024-2030

Units: Value market in US\$

Companies Mentioned: 50+

Green Packaging Materials Market by Geographic Region

- North America (The United States, Canada and Mexico)
- Europe (France, Germany, Italy, Russia, Spain, The United Kingdom and Rest of Europe)
- Asia-Pacific (China, Japan, India, South Korea and Rest of Asia-Pacific)
- South America (Argentina, Brazil and Rest of South America)
- Middle East & Africa

Green Packaging Materials Market by Type

- Degradable Packaging
- Recycled Content Packaging
 - Glass
 - Metal
 - Paper
 - Plastic
- Reusable Packaging
 - Drums
 - Intermediate Bulk Containers
 - Plastic Containers

Green Packaging Materials Market by End-Use Industry

- Chemicals
- Consumer Products
- Food & Beverages
- Healthcare & Pharma

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-□Canfor Corp

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-□Carustar Industries, Inc.

-□Cascades, Inc.

-□Coveris Holding SA

-□Crown Holdings, Inc.

-□DS Smith PLC

-□Daio Paper Construction

-□Dart Container Corp

-□Detmold Group

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- E. I. DuPont De Nemours And Company
- Ecolean AB
- Elopak AS
- Emerald Packaging
- Evergreen Packaging LLC
- Fujian Qingshan Paper Co Ltd.
- Gascogne Papier
- Genus Paper and Boards Limited
- Georgia-Pacific
- Glatfelter Engineered Materials
- Goodwin Robbins Packaging Company, Inc.
- Huhtamaki Oyj
- International Paper
- Klabin SA
- Nampak Ltd
- Nordic Paper
- Novolex Holdings, Inc.
- Oji Holdings Corporation
- Pactiv LLC
- PlastiPak Holdings, Inc.
- Printpak, Inc.
- RKW Group
- Rexam Plc
- Reynolds Group Holdings
- Sagheza Group
- Sealed Air Corp
- SCG Packaging
- SGF Packaging Co Ltd
- Smurfit Kappa Group PLC
- Sonoco Products Co
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