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The Global Market for Mono-material Packaging 2024-2035

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Abstracts

In many food-packaging applications, including stand-up pouches and flow wrappers, films are typically made using mixed materials in the structure. When different types of plastics are combined in a single package, it can be challenging to separate and recycle them effectively, leading to contamination and reduced quality of recycled materials. The widely used multi-material packaging film cannot be practically delaminated and recycled at scale.

Mono-material packaging involves using a single type of recyclable plastic to avoid the issues associated with mixed recycling. By designing packaging using only one type of recyclable plastic, such as polyethylene terephthalate (PET) or high-density polyethylene (HDPE), the recycling process becomes more streamlined and efficient. Mono-material packaging eliminates the need for complex sorting and separation processes, increasing the likelihood of the material being recycled and reducing the chances of contamination. The use of mono-materials packaging films increases recycling rates and creates higher quality recyclate, reducing waste and strengthening the post-consumer recycled (PCR) supply chain.

The global mono-material packaging market is experiencing significant growth due to increasing demand for sustainable and recyclable packaging solutions. The Global Market for Mono-material Packaging 2024-2035 provides an in-depth analysis of the mono-material packaging market, including market drivers, challenges, opportunities, and future trends. The report also covers key materials, production technologies, applications, and regional market insights.

The report covers different production technologies employed in the manufacturing of mono-material packaging, such as extrusion, injection molding, blow molding,

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thermoforming, compression molding, and 3D printing. It compares these technologies with multi-material packaging formats and highlights their respective advantages and limitations. A wide range of materials used in mono-material packaging is covered in the report, including plastics, bioplastics, paper and paperboard, metals, and glass. The properties and applications of each material are discussed in detail, with a special focus on the latest developments in bioplastics, such as polylactic acid (PLA), polyhydroxyalkanoates (PHA), starch-based plastics, nanocellulose, chitosan, and alginate.

The report also explores the various end-use industries that utilize mono-material packaging, including food and beverages, personal care and cosmetics, healthcare and pharmaceuticals, electronics and appliances, automotive, and building and construction. It analyzes the growth drivers, key applications, and latest trends in each market, and provides a list of key companies operating in each sector.

A comprehensive market analysis is provided, which includes market size, growth rate, and segmentation by material type, application, and region. The report identifies the key market drivers, such as increasing demand for sustainable packaging, stringent regulations, and growing consumer awareness, as well as the challenges faced by the market, such as high production costs and limited recycling infrastructure.

Detailed profiles of >50 key players in the global mono-material packaging market are included, covering their product portfolio plus over 200 profiles of materials producers for mono-material packaging. Companies profiled include Aegis Packaging, Alb?a Group, Borealis, Coveris, Dai Nippon Printing Co., Ltd., Faerch A/S, Fuji Packaging, Henkel, Hoffmann Neopac, Huhtamaki Oyj, Innovia, Jindal Films, Kl?ckner Pentaplast, Mondi, Saica, Schur, S?dpack, Toppan and Wipf AG.

The Global Market for Mono-material Packaging 2024-2035 report serves as an essential resource for packaging manufacturers, suppliers, and end-users seeking to understand the latest trends and opportunities in the mono-material packaging market. It provides valuable insights into market dynamics, helping stakeholders make informed business decisions and stay ahead of the competition.

Report contents include:

Definition and overview of mono-material packaging

Advantages and challenges of mono-material packaging

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Healthcare and pharmaceuticals

Electronics and appliances

Automotive

Building and construction

Growth drivers, key applications, and trends in each market

Key companies operating in each sector

Market Analysis

Market size, growth rate, and segmentation by material type, application, and region

Key market drivers (demand for sustainable packaging, regulations, consumer awareness)

Challenges (high production costs, limited recycling infrastructure)

Future outlook and growth opportunities

Company Profiles

Profiles of key players in the global mono-material packaging market

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