

United Kingdom Plastomers Market Report and Forecast 2025-2034

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Report description:

The United Kingdom plastomers market size reached approximately USD 140.24 Million in 2024. The market is projected to grow at a CAGR of 4.20% between 2025 and 2034, reaching a value of around USD 211.62 Million by 2034.

Plastomers are macromolecular materials which exhibit high elasticity, viscosity, and plasticity. They have a hygroscopic and non-transparent elastomeric nature, which provides them with the aesthetics of rubber while imparting their ease of processing like plastics. They exhibit high impact resistance, good compression set, and have a soft touch. Their toughness, resilience, and flexibility make them useful for a wide range of industrial applications, including packaging.

The United Kingdom plastomers market expansion is being driven by increased demand for plastomers for customised applications. This includes a rise in demand for thermoplastic olefins and thermoplastic polyurethanes, among others, which impart desired touch and feel qualities to goods without giving them any shiny plastic look. Their easy handling and usage features are also driving the market growth.

Key Trends and Developments

High use of plastomers in the adhesive and sealants industry; growing adoption of sustainable management practices; high demand for plastomers from various sectors; and rising demand for thermoplastic elastomers are the major trends impacting the United Kingdom plastomers market growth.

United Kingdom Plastomers Market Trends

Over the forecast period, increasing collaborations between food and beverage industry and companies manufacturing adhesives are expected to increase significantly. Food and beverage companies require low-odour, reclosable packaging solutions for preserving the quality of commercially produced food items, which can be fulfilled by plastomers adhesives. They can also facilitate the prevention of microbial growth and moisture loss from the food, thereby preserving its taste and flavour.

Thermoplastic elastomers have wide ranging applications owing to their diverse nature. Their durability and flexibility make them an excellent choice for manufacturing extruded weather seals and mobile phone covers, among other products. They are also used in making anti-vibration mounts for industrial machinery, face masks, and syringe seals. Their UV stability and wear-resistant nature enable apparel companies to manufacture premium-grade sportswear, which is expected to drive the United Kingdom plastomers market expansion in the coming years.

Market Segmentation

"United Kingdom Plastomers Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

Market Breakup by Product Type:

- Ethylene Butene
- Ethylene Hexene
- Ethylene Octene
- Ethylene Propylene
- Others

Market Breakup by Processing Type:

- Blow Film Extrusion
- Cast Film Extrusion
- Extrusion Coating
- Injection Moulding
- Others

Market Breakup by Application:

- Film-based Food Packaging
- Film-based Non-food Packaging
- Stretch-film and Shrink-film Packaging
- Automotive
- Polymer Modification
- Wires and Cables
- Medical
- Others

Cast film extrusion is expected to constitute a significant part of the United Kingdom plastomers market share.

Cast film extrusion is a process in which plastic resins are melted and then wound into rolls to obtain a wide range of plastic films in different colours and finishes. The process is used to make food packaging and different types of technical and bubble films. The products obtained from this process can be embossed, laminated, printed, and coated easily. The anticipated increase in cast film extrusion processes is likely to lead to United Kingdom plastomers market expansion in the coming years.

Injection moulding is also expected to gain popularity over the forecast period. This is because different types of plastics can be

combined in the injection moulding process to produce goods with a complex geometrical design. This process results in significant cost saving for businesses and also improves the strength and versatility of produced goods.

Competitive Landscape

Major players in the United Kingdom plastomers market are collaborating to make innovative plastomers products and solutions.

Other market players include Borealis AG (Pec-Rhin S.A.) and INEOS AG., among others.

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