
Description:
Bioplastic is an organic material in which all carbons are derived from renewable resources via biological processes. This material contains both renewable and fossil-fuel-based carbons. The biodegradation of bioplastic may vary widely depending upon the proportion of bio-based ingredients and the conditions (temperature and environment). Hence, it may or may not be biodegradable. Some, but not all, bio-based plastic are designed to biodegrade.

Bioplastic are made from various renewable biomass sources such as vegetable fats and oils, cornstarch, pea starch, microbiota, potatoes, rice, tapioca, palm fiber, wood cellulose, agricultural byproducts, wheat fiber and bagasse. In short, it can be composed from starches, cellulose, biopolymers, and a variety of other materials.

Bioplastic market is segmented based on types such as starch-based plastics, cellulose-based plastics, some aliphatic polyesters, polyhydroxyalkanoates (PHA), polyamide 11 (PA 11), bio-derived polyethylene, and genetically modified bioplastic. Bioplastic have wide applications in disposable and non-disposable items.

Disposable items include packaging, crockery, cutlery, pots, bowls, straws, bags, trays, fruit and vegetable containers, blister foils, egg cartons, bottling for soft drinks & dairy products. Non-disposable applications include mobile phone casings, carpet fibres, insulation car interiors, fuel lines, and plastic piping.

Geographically, North America and Europe are the major market for bioplastic in terms of volume and value. Asia Pacific, Latin America and Middle East & Africa are the fastest growing market for this material. Arkema Group, Novamont S.p.A., Metabolix Inc., DSM, Braskem, etc. are few leading companies in the bioplastic business.

Decision Databases is involved in providing research reports and company profiles in the global bioplastic market in terms of revenue and output/volume. Market drivers, opportunities and restraints are thoroughly studied which influences the market. This study is further utilized for the overall analysis of the market.

The bioplastic market is segmented based on the global applications, geographic presence, by products and ingredients. We offer an inclusive category-specific market outlook. We provide access to a comprehensive collection of companies in the industry. The companies can strategize and execute business operations through our competitor analysis. Find the global industry analysis, market size, share, growth, and trends information in our bioplastic profiles.

Segmentations In The Report:

Bioplastic Market Analysis By Types:
- Starch-Based Plastics
- Cellulose-Based Plastics
- Aliphatic Polyesters
- Polyhydroxyalkanoates (PHA)
- Polyamide 11 (PA 11)
- Others

Bioplastic Market Analysis By Applications:
- Packaging
- Bottles And Containers
- Others

Bioplastic Market Analysis By Geography:
- North America
- Europe
- Asia Pacific
- Latin America
- Middle East And Africa

NOTE: Report Delivery Time will be 48 Hours from Purchase.

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