

Production of Bioplastic Products. Biodegradable and Bio-Plastics Products Manufacturing Business. Glasses, Plates and Bags Manufacturing Project.

Description:

India is the third largest plastic consumer in the world, with a total consumption of plastics of about four million tons and a resulting waste production of about two million tons. Bioplastics are those plastic materials that are manufactured by using natural resources. There are two categories of these plastics available in the market — biodegradable bioplastics and non-biodegradable bioplastics.

Demand for bioplastics is increasing since past decade due to growing awareness concerning environmental conservation, use of bio-based or natural resources for manufacturing materials and formulation of various regulations across countries for effective use of natural resources and waste management.

Products and solutions based on bioplastics/biopolymers present interesting opportunities globally. Opportunities are present across a variety of industrial sectors that include packaging, water, beverages, insulation materials, specialty materials and more. The key factor driving the bioplastics market is the need for more eco-friendly and less polluting materials. Other drivers include volatile fossil fuel prices and the need for companies to decrease their carbon footprint across their entire business value chain. The demand for bioplastics has been gradually increasing due to its renewability and availability of raw material, advanced functionality and technical properties, and the recycling options at least some of them present.

Uses & Application of Bio-plastics

Bio-plastics include single-use items such as plates, utensils, cups, and film wrap plastic bottling and as paper coatings by fast-food companies, clothing fibers compost bags, in the biomedical field, etc. Application areas identified in India for biodegradable plastics are Agricultural Mulch, Surgical Implants, Industrial Packaging, Wrapping, Milk Sachets, Foodservice, Personal Care, Pharmaceuticals, Medical Devices, Recreational, etc.

Bioplastics are currently used most in packaging, however it has the potential to be used in any application that controversial plastics are used. Large international companies are making the move to start using bioplastics as their packaging.

For more details download PDF file.

Keywords: Production of Biodegradable Plastic, Production Process of Bioplastic Products, Production of Bioplastics and Biodegradable Plastics, Bioplastic Manufacturing Process, Production of Bioplastic, Bio-Plastic Products Production, Processing of Bioplastics, Bio-Plastic Production, Bioplastics Production Plant, Production of Biodegradable Plastics and Bioplastics, Bioplastics Production from Waste, Biodegradable Plastic Glass Manufacture, How to Start Bioplastics Production Business, Bioplastics Prod

Created At: 25 Jan, 2018