Bio-Polyamide Market is estimated to be US$ 338.2 million by 2032 with a CAGR of 12.4% during the forecast period 2032

Bio polyamides are used in many (demanding) applications such as automotive fuel lines, pneumatic air brake tubing, electrical cable jacketing, flexible oil and gas pipes, and powder coatings. Some new applications include toothbrushes, carpets, tires, sporting goods (sports shoes and outdoor apparel), and electronic casings. Biopolymers made from renewable raw materials offer an environmentally friendly alternative to conventional petroleum-based polymers, bio-polymers are synthesized from two or more monomers, belonging to the amino acid, cyclic amide, dicarboxylic acid and diamine families. Fatty acids present in vegetable oils can be converted by simple reactions into bifunctional monomers suitable for the production of polyamides through a simple polycondensation process. Stringent government regulations regarding reduction of carbon emissions for a pollution-free environment are expected to provide excellent opportunities for the growth of the bio polyamide market during the forecast period, along with developments in energy conservation and increasing demand for eco-friendly solutions, to boost the market growth in the coming years.

The report **"Global Bio-Polyamide Market, By Product (PA 6, PA 66, and Others), By Application (Fiber and Engineering Plastics), By End User (Automotive, Consumer Goods, Film and Coatings, Electrical and Electronics, Industrial, and Others), and By Region (North America, Europe, Asia Pacific, Latin America, and Middle East & Africa) - Trends, Analysis and Forecast till 2032"**

Key Highlights:

- In August 2022, DSM Launches Bio-based Polyamide, DSM Engineering Materials has debuted a more sustainable version of its flagship polyamide product StanylB-MB (Bio-based Mass Balanced) with up to 100% bio-based content. By utilizing the highest possible levels of biomass-waste feedstock, it enables DSM Engineering Materials to halve the carbon footprint of this product line and, by extension, its customers' StanylB-MB-based products.
- In July 2022, Lanxess adds durable variants to the Tepex Composites range. Lanxess is focusing on sustainability in its business activities and is currently developing a new Tapex thermoplastic composite based on recycled or bio-based raw materials. "With these building materials, they want to help customers make more sustainable products that have a smaller carbon footprint, conserving resources and protecting the climate.

Analyst View:

Bio-polyamides are commonly used in food packaging systems because they provide strength and durability as well as exceptional heat and moisture resistance. Bio-polyamides are a new class of bioplastics made from renewable resources such as natural fats and oils. Increasing use of these applications especially in industrial automation and manufacturing of advanced machinery in the automotive industry. Additionally, other applications such as staple filaments, wire, coating, industrial and carpet filaments are driving the market demand for bio-polyamides. Among these applications, the automotive industry is the fastest growing application that will drive the bio polyamide market over the

forecast period. Technological developments in bio-polyamide are driving the global bio-polyamide market innovation across the globe.

To know the upcoming trends and insights prevalent in this market, click the link below:

https://www.prophecymarketinsights.com/market_insight/Global-BioPolyamide-Market-By-Product-632

Key Market Insights from the report:

Global Bio-Polyamide Market accounted for US$ 105.5 million in 2022 and is estimated to be US$ 338.2 million by 2032 and is anticipated to register a CAGR of 12.4%. The Global Bio-Polyamide Market is segmented based on Product, Application, End User and Region.

- Based on Product, Global Bio-Polyamide Market is segmented into PA 6, PA 66, and Others.
- Based on Application, Global Bio-Polyamide Market is segmented into Fiber and Engineering Plastics.
- Based on End User, Global Bio-Polyamide Market is segmented into Automotive, Consumer Goods, Film and Coatings, Electrical and Electronics, Industrial, and Others.
- By Region, the Global Bio-Polyamide Market is segmented into North America, Europe, Asia Pacific, Latin America, and Middle East & Africa.

Competitive Landscape & their strategies of Global Bio-Polyamide Market:

The prominent players operating in the Global Bio-Polyamide Market includes, Evonik Industries AG, Ascend Performance Materials Inc., Ube Industries, Ltd., Arkema S.A., Lanxess AG, Honeywell International, Inc., SK Group, and Radici Partecipazioni SpA. Huntsman Corporation and BASF SE.

The market provides detailed information regarding the industrial base, productivity, strengths, manufacturers, and recent trends which will help companies enlarge the businesses and promote financial growth. Furthermore, the report exhibits dynamic factors including segments, sub-segments, regional marketplaces, competition, dominant key players, and market forecasts. In addition, the market includes recent collaborations, mergers, acquisitions, and partnerships along with regulatory frameworks across different regions impacting the market trajectory. Recent technological advances and innovations influencing the global market are included in the report.