

U.S. Bio-Based, Biodegradable A/B Polyurethane System Market Size, Share & Trends Analysis Report By Product, By End-use (Industrial, Military, Footwear & Apparel, Furniture & Bedding), And Segment Forecasts, 2025 - 2030

<https://marketpublishers.com/r/U1F9A1613F96EN.html>

Date: November 2024

Pages: 145

Price: US\$ 3,950.00 (Single User License)

ID: U1F9A1613F96EN

Abstracts

This report can be delivered to the clients within 8 Business Days

U.S. Bio-Based, Biodegradable A/B Polyurethane System Market Growth & Trends

The U.S. bio-based, biodegradable A/B polyurethane system market size is expected to reach USD 367.19 million by 2030 and is anticipated to expand at a CAGR of 4.2% from 2025 to 2030, according to a new report by Grand View Research, Inc. The growing adoption of biodegradable A/B polyurethanes by several packaging manufacturers across the globe is likely to fuel market growth.

Key industries such as automotive, construction, packaging, and consumer goods are increasingly adopting these materials to meet regulatory requirements and consumer preferences for eco-friendly products. In addition, advancements in manufacturing processes and the scalability of production are contributing to the growth of this market, making bio-based and biodegradable polyurethanes more accessible and cost-competitive with traditional options. As businesses seek to improve their sustainability profiles, the demand for these innovative materials is expected to continue rising.

Growing concerns about global warming and climate change due to greenhouse gas emissions from internal combustion engine (ICE) vehicles are driving demand for alternative fuel sources and materials for vehicle production. This trend has led to an increased adoption of bio-based and biodegradable A/B polyurethane systems in the

automotive industry, particularly in electric vehicles (EVs).

U.S. Bio-Based, Biodegradable A/B Polyurethane System Market Highlights

Based on product, the conventional segment held the largest share, accumulating USD 87.80% market share in 2024. This can be attributed to its cost-effectiveness and high-performance attributes.

The footwear and apparel segment dominated the conventional TPU market, accounting for over 24% in 2023 and is expected to grow at a significant CAGR over the forecast period.

Based on U.S. conventional bio-based, biodegradable A/B Polyurethane system market End use, Building and Construction segment dominated the market in 2024, and is expected to grow at a significant CAGR over the coming years.

Contents

CHAPTER 1 METHODOLOGY AND SCOPE

- 1.1 Market Segmentation & Scope
- 1.2 Market Definitions
- 1.3 Information procurement
 - 1.3.1 Information Analysis
 - 1.3.2 Market Formulation & Data Visualization
 - 1.3.3 Data Validation & Publishing
- 1.4 Research Scope And Assumptions
 - 1.4.1 List Of Data Sources

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Market Snapshot 2023
- 2.2 Segment Snapshot (1/3)
- 2.3 Segment Snapshot (2/3)
- 2.4 Segment Snapshot (3/3)
- 2.5 Competitive Landscape Snapshot

CHAPTER 3 U.S. BIO-BASED, BIODEGRADABLE A/B POLYURETHANE SYSTEM MARKET: INDUSTRY OUTLOOK

- 3.1 List of Potential End Users
- 3.2 Technology Overview
- 3.3 Regulatory Framework
- 3.4 Market Dynamics
 - 3.4.1 Market Driver Analysis
 - 3.4.1.1 Growing Demand In The Automotive Sector
 - 3.4.1.2 Expansion Of The Footwear Industry
 - 3.4.2 Market Restraint Analysis
 - 3.4.2.1 High Production Cost
 - 3.4.3 Industry Challenge Analysis
 - 3.4.4 Industry Opportunity Analysis
- 3.5 Industry Analysis
 - 3.5.1 Porter's Five Forces Model
 - 3.5.2 Macroeconomic Environment Analysis

CHAPTER 4 A/B POLYURETHANE SYSTEM MARKET: PRODUCT ESTIMATES & TREND ANALYSIS

- 4.1 Product Movement Analysis & Market Share Volume, 2023 & 2030
- 4.2 Product Movement Analysis & Market Share Revenue, 2023 & 2030
- 4.3 Bio-based, Biodegradable A/B Polyurethane System
- 4.4 Conventional A/B Polyurethane System

CHAPTER 5 BIOPLASTICS A/B POLYURETHANE SYSTEM MARKET: END USE ESTIMATES & TREND ANALYSIS

- 5.1 End use Movement Analysis & Market Share Volume, 2023 & 2030
- 5.2 End use Movement Analysis & Market Share Revenue, 2023 & 2030
- 5.3 U.S.

CHAPTER 6 CONVENTIONAL A/B POLYURETHANE SYSTEM MARKET: END USE ESTIMATES & TREND ANALYSIS

- 6.1 End use Movement Analysis & Market Share Volume, 2023 & 2030
- 6.2 End use Movement Analysis & Market Share Revenue, 2023 & 2030
- 6.3 U.S.

CHAPTER 7. COMPETITIVE LANDSCAPE

- 7.1. Recent Developments & Impact Analysis, By Key Market Participants
- 7.2. Market Participant Categorization
 - 7.2.1. Huntsman Corporation
 - 7.2.1.1. Company overview
 - 7.2.1.2. Financial performance
 - 7.2.1.3. Product benchmarking
 - 7.2.1.4. Strategic initiatives
 - 7.2.2. 3M
 - 7.2.2.1. Company overview
 - 7.2.2.2. Financial performance
 - 7.2.2.3. Product benchmarking
 - 7.2.2.4. Strategic initiatives
 - 7.2.3. Henkel Balti O?
 - 7.2.3.1. Company overview
 - 7.2.3.2. Financial performance

- 7.2.3.3. Product benchmarking
- 7.2.3.4. Strategic initiatives
- 7.2.4. DINOL GmbH
 - 7.2.4.1. Company overview
 - 7.2.4.2. Financial performance
 - 7.2.4.3. Product benchmarking
 - 7.2.4.4. Strategic initiatives
- 7.2.5. XUCHUAN CHEMICAL(SUZHOU) CO., LTD
 - 7.2.5.1. Company overview
 - 7.2.5.2. Financial performance
 - 7.2.5.3. Product benchmarking
 - 7.2.5.4. Strategic initiatives
- 7.2.6. Qingdao Exceed Fine Chemicals Co., Ltd
 - 7.2.6.1. Company overview
 - 7.2.6.2. Financial performance
 - 7.2.6.3. Product benchmarking
 - 7.2.6.4. Strategic initiatives
- 7.2.7. Redwood
 - 7.2.7.1. Company overview
 - 7.2.7.2. Financial performance
 - 7.2.7.3. Product benchmarking
 - 7.2.7.4. Strategic initiatives
- 7.2.8. Bostik
 - 7.2.8.1. Company overview
 - 7.2.8.2. Financial performance
 - 7.2.8.3. Product benchmarking
 - 7.2.8.4. Strategic initiatives
- 7.2.9. Silpak, Inc.
 - 7.2.9.1. Company overview
 - 7.2.9.2. Financial performance
 - 7.2.9.3. Product benchmarking
 - 7.2.9.4. Strategic initiatives
- 7.2.10. DuPont
 - 7.2.10.1. Company overview
 - 7.2.10.2. Financial performance
 - 7.2.10.3. Product benchmarking
 - 7.2.10.4. Strategic initiatives

I would like to order

Product name: U.S. Bio-Based, Biodegradable A/B Polyurethane System Market Size, Share & Trends Analysis Report By Product, By End-use (Industrial, Military, Footwear & Apparel, Furniture & Bedding), And Segment Forecasts, 2025 - 2030

Product link: <https://marketpublishers.com/r/U1F9A1613F96EN.html>

Price: US\$ 3,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/U1F9A1613F96EN.html>