

US Microplastic Recycling Market Size study, by Product Type (Primary Microplastics, Secondary Microplastics) by End-use (Personal Care, Packaging, Construction, Automotive, Others) Forecasts 2022-2032

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Abstracts

US Microplastic Recycling Market is valued approximately at USD 56.23 million in 2023 and is anticipated to grow with a healthy growth rate of more than 7.27% over the forecast period 2024-2032. The demand for microplastic recycling Market in the US is surging amidst global concerns over microplastic pollution and its detrimental effects on the environment. These tiny plastic particles, measuring less than 5 millimeters, have become a pervasive threat, impacting ecosystems and aquatic life. The urgent need to address this issue and adopt sustainable plastic waste management practices is driving the growth of the US Microplastic Recycling Market. Advances in recycling technologies have enabled more efficient and cost-effective methods for processing and recycling microplastics. Innovations such as specialized sorting equipment, chemical recycling processes, and advanced materials engineering are making it increasingly feasible to recycle microplastics into new products.

North America holds the largest market share in microplastic recycling, reflecting the region's heightened awareness of the environmental challenges posed by microplastics. Public concerns about the adverse effects on wildlife and human well-being are driving increased attention to this issue. Governments across North America are implementing regulations to mitigate plastic waste and promote recycling initiatives. For example, California introduced legislation in January 2022 mandating manufacturers to include a minimum percentage of recycled plastic in their products. This measure requires plastic beverage containers to contain at least 15% recycled content, aligning with broader efforts to address plastic pollution. However, the lack of uniform regulations across

states and the high cost associated with setting up microplastic recycling facilities, on the other hand, will stifle market growth between 2022 and 2032.

Major market player included in this report are:

Recycling Technologies
PureCycle Technologies
Loop Industries
RES Polyflow
Agilyx Corporation
Newlight Technologies
Cynar Plc
Company 8
Company 9
Company 10

The detailed segments and sub-segment of the market are explained below:

By Product Type
Primary Microplastics
Secondary Microplastics
By End-use
Personal Care
Packaging
Construction
Automotive
Others

Years considered for the study are as follows:

Historical year – 2022
Base year – 2023
Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.
Demand side and supply side analysis of the market.

Contents

CHAPTER 1. US MICROPLASTIC RECYCLING MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 1.1. Research Objective
- 1.2. Market Definition
- 1.3. Research Assumptions
 - 1.3.1. Inclusion & Exclusion
 - 1.3.2. Limitations
 - 1.3.3. Supply Side Analysis
 - 1.3.3.1. Availability
 - 1.3.3.2. Infrastructure
 - 1.3.3.3. Regulatory Environment
 - 1.3.3.4. Market Competition
 - 1.3.3.5. Economic Viability (Consumer's Perspective)
 - 1.3.4. Demand Side Analysis
 - 1.3.4.1. Regulatory frameworks
 - 1.3.4.2. Technological Advancements
 - 1.3.4.3. Environmental Considerations
 - 1.3.4.4. Consumer Awareness & Acceptance
- 1.4. Estimation Methodology
- 1.5. Years Considered for the Study
- 1.6. Currency Conversion Rates

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. US Microplastic Recycling Market Size & Forecast (2022- 2032)
- 2.2. Segmental Summary
 - 2.2.1. By Product Type
 - 2.2.2. By End-use
- 2.3. Key Trends
- 2.4. Recession Impact
- 2.5. Analyst Recommendation & Conclusion

CHAPTER 3. US MICROPLASTIC RECYCLING MARKET DYNAMICS

- 3.1. Market Drivers
- 3.2. Market Challenges

3.3. Market Opportunities

CHAPTER 4. US MICROPLASTIC RECYCLING MARKET: INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economic
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top investment opportunity

4.4. Top winning strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. US MICROPLASTIC RECYCLING MARKET SIZE & FORECASTS BY PRODUCT TYPE 2022-2032

5.1. Primary Microplastics

5.2. Secondary Microplastics

CHAPTER 6. US MICROPLASTIC RECYCLING MARKET SIZE & FORECASTS BY END-USE 2022-2032

6.1. Personal Care

6.2. Packaging

6.3. Construction

6.4. Automotive

6.5. Others

CHAPTER 7. COMPETITIVE INTELLIGENCE

7.1. Key Company SWOT Analysis

7.1.1. Company

7.1.2. Company

7.1.3. Company

7.2. Top Market Strategies

7.3. Company Profiles

7.3.1. Recycling Technologies

7.3.1.1. Key Information

7.3.1.2. Overview

7.3.1.3. Financial (Subject to Data Availability)

7.3.1.4. Product Summary

7.3.1.5. Market Strategies

7.3.2. PureCycle Technologies

7.3.3. Loop Industries

7.3.4. RES Polyflow

7.3.5. Agilyx Corporation

7.3.6. Newlight Technologies

7.3.7. Cynar Plc

7.3.8. Company

7.3.9. Company

7.3.10. Company

CHAPTER 8. RESEARCH PROCESS

8.1. Research Process

8.1.1. Data Mining

8.1.2. Analysis

8.1.3. Market Estimation

8.1.4. Validation

8.1.5. Publishing

8.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. US Microplastic Recycling market, report scope

TABLE 2. US Microplastic Recycling market estimates & forecasts by Product Type
2022-2032 (USD Million)

TABLE 3. US Microplastic Recycling market estimates & forecasts by End-use
2022-2032 (USD Million)

TABLE 4. US Microplastic Recycling market by segment, estimates & forecasts,
2022-2032 (USD Million)

TABLE 5. US Microplastic Recycling market by segment, estimates & forecasts,
2022-2032 (USD Million)

TABLE 6. US Microplastic Recycling market by segment, estimates & forecasts,
2022-2032 (USD Million)

TABLE 7. US Microplastic Recycling market by segment, estimates & forecasts,
2022-2032 (USD Million)

TABLE 8. US Microplastic Recycling market by segment, estimates & forecasts,
2022-2032 (USD Million)

TABLE 9. U.S. Microplastic Recycling market estimates & forecasts, 2022-2032 (USD
Million)

TABLE 10. U.S. Microplastic Recycling market estimates & forecasts by segment
2022-2032 (USD Million)

TABLE 11. U.S. Microplastic Recycling market estimates & forecasts by segment
2022-2032 (USD Million)

TABLE 12. List of secondary sources, used in the study of US Microplastic Recycling
Market.

TABLE 13. List of primary sources, used in the study of US Microplastic Recycling
Market.

TABLE 14. Years considered for the study.

TABLE 15. Exchange rates considered.

List Of Figures

LIST OF FIGURES

- FIG 1. US Microplastic Recycling market, research methodology
- FIG 2. US Microplastic Recycling market, market estimation techniques
- FIG 3. US market size estimates & forecast methods.
- FIG 4. US Microplastic Recycling market, key trends 2023
- FIG 5. US Microplastic Recycling market, growth prospects 2022-2032
- FIG 6. US Microplastic Recycling market, porters 5 force model
- FIG 7. US Microplastic Recycling market, pestel analysis
- FIG 8. US Microplastic Recycling market, value chain analysis
- FIG 9. US Microplastic Recycling market by segment, 2022 & 2032 (USD Million)
- FIG 10. US Microplastic Recycling market by segment, 2022 & 2032 (USD Million)
- FIG 11. US Microplastic Recycling market by segment, 2022 & 2032 (USD Million)
- FIG 12. US Microplastic Recycling market by segment, 2022 & 2032 (USD Million)
- FIG 13. US Microplastic Recycling market by segment, 2022 & 2032 (USD Million)
- FIG 14. US Microplastic Recycling market, company market share analysis (2023)

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