

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.

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