

Global Recycled Black Mass & Black Powder Market Growth (Status and Outlook) 2026-2032

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Abstracts

The global Recycled Black Mass & Black Powder market size is predicted to grow from US\$ 1669 million in 2025 to US\$ 3981 million in 2032; it is expected to grow at a CAGR of 13.5% from 2026 to 2032.

Recycled black mass and black powders are the materials extracted from the electrode materials (mainly the cathode and anode) during the recycling of lithium-ion batteries. After the batteries are disassembled and the cells are mechanically shredded or crushed, the materials are separated, and the resulting black powder (black mass) contains a variety of valuable metals. Recycled black mass and black powders are crucial in the recycling process. It is typically further processed to extract and purify the individual metals to be reused in new batteries or other applications.

United States market for Recycled Black Mass & Black Powder is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Recycled Black Mass & Black Powder is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Recycled Black Mass & Black Powder is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Recycled Black Mass & Black Powder players cover Umicore, Hydrovolt, Li-Cycle, Fortum, Hunan Brunp Recycling Technology, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LPI (LP Information)' newest research report, the 'Recycled Black Mass & Black Powder Industry Forecast' looks at past sales and reviews total world Recycled Black Mass & Black Powder sales in 2025, providing a comprehensive analysis by region and market sector of projected Recycled Black Mass & Black Powder sales for 2026 through 2032. With Recycled Black Mass & Black Powder sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Recycled Black Mass & Black Powder industry.

This Insight Report provides a comprehensive analysis of the global Recycled Black Mass & Black Powder landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyses the strategies of leading global companies with a focus on Recycled Black Mass & Black Powder portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Recycled Black Mass & Black Powder market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Recycled Black Mass & Black Powder and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Recycled Black Mass & Black Powder.

This report presents a comprehensive overview, market shares, and growth opportunities of Recycled Black Mass & Black Powder market by product type, application, key players and key regions and countries.

Segmentation by Type:

Ternary Lithium Cathode

LiFePO4 Cathode

Others

Segmentation by Application:

Power Battery

Consumer Electronics Battery

Energy Storage Battery

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Umicore

Hydrovolt

Li-Cycle

Fortum

Hunan Brunp Recycling Technology

Sinochem Group

Ganzhou Longkai Technology

Cirba Solutions

RecycLiCo Battery Materials

BASF

Redwood Materials

Tenova

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