

Global LCO Battery Recycled Black Mass Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global LCO Battery Recycled Black Mass market size is expected to reach \$ 427 million by 2032, rising at a market growth of 10.7% CAGR during the forecast period (2026-2032).

LCO Battery Recycled Black Mass is a cobalt-rich intermediate material obtained from recycling end-of-life lithium cobalt oxide batteries through mechanical and thermal pretreatment. It concentrates valuable metals such as cobalt and lithium, enabling efficient hydrometallurgical refining and closed-loop reuse in battery materials. Its advantages lie in high cobalt grade, stable composition, strong suitability for downstream wet-process recovery, and clear economic value under a circular-economy framework. In 2025, the industry's capacity utilization rate was about 60%, and the average gross margin was approximately 45%. In 2025, production reached 11,111 tons at an average price of US\$18,000 per ton. Upstream, the supply chain is mainly supported by core crushing, sorting, and pyrolysis equipment, with representative equipment providers including Metso, ANDRITZ, and Outotec. The midstream focuses on battery dismantling, safe discharge, physical separation, thermal treatment, and standardized black mass preparation, where process control and metal recovery efficiency determine product quality and yield. Downstream demand primarily comes from automotive batteries and energy storage batteries, with representative customers including CATL, BYD, Panasonic, LG Energy Solution, and Samsung SDI.

This report studies the global LCO Battery Recycled Black Mass production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for LCO Battery Recycled Black Mass and provides market size (US\$ million) and Year-over-

Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of LCO Battery Recycled Black Mass that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global LCO Battery Recycled Black Mass total production and demand, 2021-2032, (Tons)

Global LCO Battery Recycled Black Mass total production value, 2021-2032, (USD Million)

Global LCO Battery Recycled Black Mass production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global LCO Battery Recycled Black Mass consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: LCO Battery Recycled Black Mass domestic production, consumption, key domestic manufacturers and share

Global LCO Battery Recycled Black Mass production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global LCO Battery Recycled Black Mass production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global LCO Battery Recycled Black Mass production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global LCO Battery Recycled Black Mass market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Brunp Recycling, Ganfeng Lithium, GEM, Miracle Automation Engineering, CNGR Advanced Material, Zhejiang Guanghua Technology, Redwood Materials, Glencore, Ganzhou Longkai Technology, Huayou Cobalt, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World LCO Battery Recycled Black Mass market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$

Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global LCO Battery Recycled Black Mass Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global LCO Battery Recycled Black Mass Market, Segmentation by Type:

Particle Size?50?m

50120ppm

Global Acrylonitrile Styrene Acrylate Pellet Market, Segmentation by Application:

Automobiles

Housing Building Materials & Equipment

Telecommunications

Electronic Appliances

Others

Companies Profiled:

INEOS Styrolution

SABIC

Techno-UMG (JSR)

Kumho Petrochemical

LG Chem

BASF

Toray

Lotte Chemical

NIPPON A&L

ROMIRA

SAX Polymers

Formosa Chemicals & Fibre Corporation

CHIMEI Corporation

Guangzhou Kingfa Sci.&Tech

Guangzhou Run Feng Science and Technology

Key Questions Answered:

1. How big is the global Acrylonitrile Styrene Acrylate Pellet market?
2. What is the demand of the global Acrylonitrile Styrene Acrylate Pellet market?
3. What is the year over year growth of the global Acrylonitrile Styrene Acrylate Pellet market?
4. What is the production and production value of the global Acrylonitrile Styrene Acrylate Pellet market?
5. Who are the key producers in the global Acrylonitrile Styrene Acrylate Pellet market?
6. What are the growth factors driving the market demand?

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