

Battery Materials Market by Battery Type (Lead-Acid, Lithium-ion), Material (Cathode, Anode, Electrolyte), Application (Automotive, EV, Portable devices, industrial), and Region (Aisa Pacific, North America, Europe, RoW) - Global Forecast to 2027

Market Report | 2022-09-15 | 275 pages | MarketsandMarkets

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Report description:

The global battery material market size is estimated to be USD 57.8 billion in 2022 and is projected to grow at a CAGR of 15.8% during the forecast period to reach USD 120.4 billion by 2027. The market has a promising growth potential due to several factors such as increasing demand for sustainable vehicles and energy storage system, portable devices, and electronics product.

"The lithium ion type battery is expected to register the highest CAGR of the overall battery materials market during the forecast period, in terms of value."

Lithium ion batteries are used in the Evs, portable device, and electronics product. For many years China has been the top EVs manufacturers and consumer. The country's top position in the Evs and portable devices has helped Asia Pacific gain a significant share in the global battery materials market. Growing economy, such as India, China, and Indonesia are also actively engaged in EVs and electronics product production that have boost the demand for battery materials. This scenario is expected to continue during the forecast period.

"The electric vehicle application is projected to register the highest CAGR during the forecast period."

Electric vehicle is the market driver in this segment globally. Growth in applications, including electric vehicles, portable device, and electronics product. There is strong demand for these applications from the Asia Pacific region, especially from developing countries such as China, India, South Korea, Japan, and Indonesia. Global battery material manufacturers are establishing their manufacturing facilities or sales offices in these emerging regions to cater to the increasing demand.

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Asia - Pacific battery materials market is projected to register the largest market share during the forecast period.

Asia Pacific is an emerging economy with many rapidly developing countries. Various industry players are willing to invest in this region. Most of the leading players in North America and Europe are planning to shift their manufacturing base to Asia Pacific as it offers inexpensive raw materials, low cost of production, and the ability to serve the local emerging market in a better way. The Asia Pacific region is experiencing robust demand for electric vehicle, electronics product, stationary energy storage system, and portable device. This has led to an increased demand for battery material in the Asia Pacific market.

In-depth interviews were conducted with Chief Executive Officers (CEOs), marketing directors, other innovation and technology directors, and executives from various key organizations operating in the battery materials market, and information was gathered from secondary research to determine and verify the market size of several segments and subsegments.

-□By Company Type: Tier 1 -41 %, Tier 2 - 37%, and Tier 3 - 22 %

-□By Designation: C Level - 21%, D Level - 23%, and Others - 56%

-□By Region: Europe - 23%, North America - 37%, APAC - 26%, South America- 4%, and the Middle East & Africa - 10%

The key companies profiled in this report are Umicore (Belgium), Asahi Kasei (Japan), Mitsubishi chemical holdings (Japan), Posco (South Korea), and Johnson Matthey (UK).

Research Coverage:

This report provides detailed segmentation of the battery materials market based on battery type, material, application and region. Based on battery type, battery industry has been segmented into lead-acid and lithium ion. Based on material, the market has been segmented into cathode, anode and electrolyte. Based on application market has been segmented into Portable device, Evs, industrial, Automotive and others. Based on region, the market has been segmented into Asia Pacific, Europe, North America, and RoW.

Key Benefits of Buying the Report

From an insights perspective, this research report focuses on various levels of analyses - industry analysis (industry trends), market share analysis of top players, and company profiles, which together comprise and discuss the basic views on the competitive landscape; emerging and high-growth segments of the market; high-growth regions; and market drivers, restraints, opportunities, and challenges.

Table of Contents:

1	INTRODUCTION	41
1.1	STUDY OBJECTIVES	41
1.2	MARKET DEFINITION	41
1.3	STUDY SCOPE	42
1.3.1	MARKETS SCOPE	42
FIGURE 1	BATTERY MATERIALS: MARKET SEGMENTATION	42
1.3.2	REGIONAL SCOPE	42
FIGURE 2	BATTERY MATERIALS MARKET: GEOGRAPHIC SCOPE	42
1.3.3	YEARS CONSIDERED	43
1.4	MARKET INCLUSIONS AND EXCLUSIONS	43
1.4.1	MARKET INCLUSIONS	43
1.4.2	MARKET EXCLUSIONS	43
1.5	CURRENCY	43

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1.6	UNIT CONSIDERED	44
1.7	LIMITATIONS	44
1.8	STAKEHOLDERS	44
1.9	SUMMARY OF CHANGES	44
2	RESEARCH METHODOLOGY	46
2.1	RESEARCH DATA	46
	FIGURE 3 BATTERY MATERIALS MARKET: RESEARCH DESIGN	46
2.1.1	SECONDARY DATA	47
2.1.1.1	Key data from secondary sources	47
2.1.2	PRIMARY DATA	47
2.1.2.1	Key primary data sources	48
2.1.2.2	Key data from primary sources	48
2.1.2.3	Key industry insights	49
2.1.2.4	Breakdown of primary interviews	50
2.2	MARKET SIZE ESTIMATION APPROACH	50
2.2.1	TOP-DOWN APPROACH	50
	FIGURE 4 MARKET SIZE ESTIMATION: TOP-DOWN APPROACH	51
	FIGURE 5 BATTERY MATERIALS MARKET SIZE ESTIMATION, BY VALUE	51
	FIGURE 6 BATTERY MATERIALS MARKET SIZE ESTIMATION, BY REGION	52
	FIGURE 7 BATTERY MATERIALS MARKET, BY BATTERY TYPE	52
	FIGURE 8 BATTERY MATERIALS MARKET SIZE ESTIMATION, BY BATTERY TYPE	52
	FIGURE 9 BATTERY MATERIALS MARKET SIZE ESTIMATION (BOTTOM-UP APPROACH), BY APPLICATION	53
	FIGURE 10 BATTERY MATERIALS MARKET SIZE ESTIMATION, BY APPLICATION	53
2.3	MARKET FORECAST APPROACH	54
2.3.1	SUPPLY-SIDE FORECAST	54
	FIGURE 11 BATTERY MATERIALS MARKET: SUPPLY-SIDE FORECAST	54
	FIGURE 12 METHODOLOGY FOR SUPPLY-SIDE SIZING OF BATTERY MATERIALS MARKET	54
2.3.2	DEMAND-SIDE FORECAST	55
	FIGURE 13 BATTERY MATERIALS MARKET: DEMAND-SIDE FORECAST	55
2.4	FACTOR ANALYSIS	55
	FIGURE 14 FACTOR ANALYSIS OF BATTERY MATERIALS MARKET	55
2.5	DATA TRIANGULATION	56
	FIGURE 15 BATTERY MATERIALS MARKET: DATA TRIANGULATION	56
2.6	ASSUMPTIONS	57
2.7	LIMITATIONS	57
2.8	GROWTH RATE ASSUMPTIONS/GROWTH FORECAST	57
3	EXECUTIVE SUMMARY	58
	TABLE 1 BATTERY MATERIALS MARKET SNAPSHOT (2022 VS. 2027)	59
	FIGURE 16 ASIA PACIFIC TO LEAD GLOBAL BATTERY MATERIALS MARKET DURING FORECAST PERIOD	60
	FIGURE 17 LITHIUM-ION BATTERY MATERIALS TO DOMINATE MARKET DURING FORECAST PERIOD	60
	FIGURE 18 LITHIUM-ION BATTERY MATERIALS TO REGISTER HIGHEST CAGR IN ELECTRIC VEHICLES SEGMENT DURING FORECAST PERIOD	61
	FIGURE 19 AUTOMOTIVE APPLICATION TO ACCOUNT FOR LARGER SHARE OF LEAD-ACID BATTERY MATERIALS MARKET (2022-2027)	61
	FIGURE 20 ASIA PACIFIC ACCOUNTED FOR LARGEST SHARE OF BATTERY MATERIALS MARKET	62
4	PREMIUM INSIGHTS	63
4.1	ATTRACTIVE OPPORTUNITIES FOR MARKET PLAYERS	63

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FIGURE 21 □ EMERGING ECONOMIES TO OFFER LUCRATIVE GROWTH OPPORTUNITIES TO KEY PLAYERS □ 63

4.2 □ BATTERY MATERIALS MARKET GROWTH, BY BATTERY TYPE □ 64

FIGURE 22 □ LEAD-ACID BATTERY MATERIALS TO DOMINATE MARKET BETWEEN 2022 AND 2027 □ 64

4.3 □ BATTERY MATERIALS MARKET, BY COUNTRY □ 64

FIGURE 23 □ CHINA AND INDIA EXPECTED TO BE FASTEST-GROWING MARKETS FOR BATTERY MATERIALS □ 64

4.4 □ BATTERY MATERIALS MARKET: DEVELOPED VS DEVELOPING COUNTRIES □ 65

FIGURE 24 □ BATTERY MATERIALS MARKET IN INDIA PROJECTED TO GROW AT HIGHEST RATE □ 65

4.5 □ CHINA TO LEAD ASIA PACIFIC BATTERY MATERIALS MARKET □ 65

FIGURE 25 □ CHINA TO ACCOUNT FOR LARGEST SHARE OF ASIA PACIFIC BATTERY MATERIALS MARKET □ 65

5 □ MARKET OVERVIEW □ 66

5.1 □ INTRODUCTION □ 66

FIGURE 26 □ TYPES OF BATTERY MATERIALS □ 66

5.2 □ VALUE CHAIN ANALYSIS □ 66

FIGURE 27 □ BATTERY MATERIALS MARKET: VALUE CHAIN ANALYSIS □ 67

5.3 □ MARKET DYNAMICS □ 67

FIGURE 28 □ DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN BATTERY MATERIALS MARKET □ 67

5.3.1 □ DRIVERS □ 68

5.3.1.1 □ Growth of HEVs, PHEVs, and EVs to accelerate demand for lithium-ion batteries □ 68

TABLE 2 □ LIST OF OEMS' ANNOUNCEMENTS ON ELECTRIC CARS AS OF JULY 2021 □ 68

5.3.1.2 □ High demand for lithium-ion technology in renewable energy industry □ 69

5.3.1.3 □ Growth in consumer electronic devices □ 69

5.3.2 □ RESTRAINTS □ 69

5.3.2.1 □ Stringent safety requirements for batteries during operation □ 69

5.3.2.2 □ Inadequate charging infrastructure □ 70

5.3.3 □ OPPORTUNITIES □ 70

5.3.3.1 □ Use of batteries in energy storage devices □ 70

5.3.3.2 □ Innovation and advances in lithium-ion battery technology □ 70

5.3.4 □ CHALLENGES □ 71

5.3.4.1 □ Regulations and safety issues related to lead-acid battery materials □ 71

5.4 □ PORTER'S FIVE FORCES ANALYSIS □ 71

FIGURE 29 □ BATTERY MATERIALS MARKET: PORTER'S FIVE FORCES ANALYSIS □ 72

TABLE 3 □ BATTERY MATERIALS MARKET: PORTER'S FIVE FORCES ANALYSIS □ 72

5.4.1 □ THREAT OF NEW ENTRANTS □ 73

5.4.2 □ THREAT OF SUBSTITUTES □ 73

5.4.3 □ BARGAINING POWER OF BUYERS □ 73

5.4.4 □ BARGAINING POWER OF SUPPLIERS □ 74

5.4.5 □ INTENSITY OF COMPETITIVE RIVALRY □ 74

5.5 □ KEY STAKEHOLDERS & BUYING CRITERIA □ 74

5.5.1 □ KEY STAKEHOLDERS IN BUYING PROCESS □ 75

FIGURE 30 □ INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS □ 75

TABLE 4 □ INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS FOR TOP INDUSTRIES (%) □ 75

5.5.2 □ BUYING CRITERIA □ 75

FIGURE 31 □ KEY BUYING CRITERIA FOR BATTERY MATERIALS □ 75

TABLE 5 □ KEY BUYING CRITERIA IN BATTERY MATERIALS MARKET □ 76

5.6 □ MACROECONOMIC INDICATORS □ 76

5.6.1 □ INTRODUCTION □ 76

5.6.2 □ GDP TRENDS AND FORECAST □ 76

TABLE 6	GDP TRENDS AND FORECAST, PERCENTAGE CHANGE	76
5.6.3	TRENDS IN ELECTRIC VEHICLE PRODUCTION	78
TABLE 7	ELECTRIC VEHICLES (BEV AND PHEV) SALES, 2017-2021)	78
TABLE 8	ELECTRIC CARS SALES, BY COUNTRY (2017-2021)	78
TABLE 9	ELECTRIC BUSES SALES, BY COUNTRY (2017-2021)	79
TABLE 10	ELECTRIC TRUCKS SALES, BY COUNTRY (2017-2021)	80
TABLE 11	ELECTRIC VANS SALES, BY COUNTRY (2017-2021)	80
5.7	TECHNOLOGY ANALYSIS	81
FIGURE 32	BATTERY MANUFACTURING TECHNOLOGY	81
5.8	CASE STUDY	82
5.8.1	RECYCLING OF LITHIUM-ION BATTERIES	82
5.9	PRICING ANALYSIS	82
FIGURE 33	PRICING ANALYSIS OF BATTERY MATERIALS MARKET, BY REGION (2021)	83
5.9.1	AVERAGE SELLING PRICE FOR LITHIUM-ION BATTERIES	83
FIGURE 34	AVERAGE SELLING PRICE, BY APPLICATION	83
5.9.2	AVERAGE SELLING PRICE FOR LEAD-ACID BATTERIES	84
FIGURE 35	AVERAGE SELLING PRICE, BY APPLICATION	84
5.10	KEY EXPORTING AND IMPORTING COUNTRIES	84
5.10.1	EXPORT-IMPORT TRADE STATISTICS	84
TABLE 12	EXPORT DATA FOR LITHIUM-ION BATTERIES AND LEAD-ACID BATTERIES (USD THOUSAND)	84
TABLE 13	IMPORT DATA FOR LITHIUM-ION BATTERIES AND LEAD-ACID BATTERIES (USD THOUSAND)	90
5.11	ECOSYSTEM MAPPING	96
FIGURE 36	BATTERY MATERIALS MARKET: ECOSYSTEM MAPPING	96
TABLE 14	BATTERY MATERIALS MARKET: ROLE IN ECOSYSTEM	96
5.12	TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES	97
FIGURE 37	TRENDS IN END-USE INDUSTRIES IMPACTING STRATEGIES OF MANUFACTURERS OF BATTERY MATERIALS	97
5.13	GLOBAL REGULATORY FRAMEWORK AND ITS IMPACT ON BATTERY MATERIALS MARKET	97
TABLE 15	STANDARDS FOR BATTERY	97
5.13.1	REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	98
TABLE 16	NORTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	98
TABLE 17	EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	99
TABLE 18	ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	99
5.14	PATENT ANALYSIS	100
5.14.1	METHODOLOGY	100
5.14.2	PUBLICATION TRENDS	100
FIGURE 38	PUBLICATION TRENDS, 2018-2022	100
5.14.3	INSIGHTS	101
5.14.4	JURISDICTION ANALYSIS	101
FIGURE 39	JURISDICTION ANALYSIS OF REGISTERED PATENTS, 2018-2022	101
5.14.5	TOP APPLICANTS	102
FIGURE 40	NUMBER OF PATENTS, BY COMPANY (2018-2022)	102
5.15	KEY CONFERENCES & EVENTS IN 2022-2023	103
TABLE 19	BATTERY MATERIALS MARKET: DETAILED LIST OF CONFERENCES & EVENTS	103
6	BATTERY MATERIALS MARKET, BY BATTERY TYPE	104
6.1	INTRODUCTION	105
TABLE 20	COMPARISON BETWEEN LEAD-ACID VS. LITHIUM-ION BATTERIES	105
FIGURE 41	LEAD-ACID BATTERY TO DOMINATE OVERALL MARKET BETWEEN 2022 AND 2027	105

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TABLE 21 BATTERY MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017-2021 (KILOTON) 106

TABLE 22 BATTERY MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022-2027 (KILOTON) 106

TABLE 23 BATTERY MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017-2021 (USD MILLION) 106

TABLE 24 BATTERY MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022-2027 (USD MILLION) 106

6.2 LITHIUM-ION 107

TABLE 25 LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY REGION, 2017-2021 (KILOTON) 107

TABLE 26 LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY REGION, 2022-2027 (KILOTON) 107

TABLE 27 LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY REGION, 2017-2021 (USD MILLION) 107

TABLE 28 LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY REGION, 2022-2027 (USD MILLION) 108

6.3 LEAD-ACID 108

TABLE 29 LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY REGION, 2017-2021 (KILOTON) 108

TABLE 30 LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY REGION, 2022-2027 (KILOTON) 108

TABLE 31 LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY REGION, 2017-2021 (USD MILLION) 109

TABLE 32 LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY REGION, 2022-2027 (USD MILLION) 109

6.4 OTHER BATTERIES 109

TABLE 33 OTHER BATTERIES MATERIALS MARKET SIZE, BY REGION, 2017-2021 (KILOTON) 110

TABLE 34 OTHER BATTERIES MATERIALS MARKET SIZE, BY REGION, 2022-2027 (KILOTON) 110

TABLE 35 OTHER BATTERIES MATERIALS MARKET SIZE, BY REGION, 2017-2021 (USD MILLION) 110

TABLE 36 OTHER BATTERIES MATERIALS MARKET SIZE, BY REGION, 2022-2027 (USD MILLION) 111

7 BATTERY MATERIALS MARKET, BY MATERIAL 112

7.1 INTRODUCTION 113

7.2 LITHIUM-ION BATTERY MATERIALS 113

TABLE 37 LITHIUM-ION BATTERY MATERIALS 113

FIGURE 42 CATHODE MATERIAL TO BE DOMINANT SEGMENT IN LITHIUM-ION BATTERY MATERIALS MARKET 114

TABLE 38 LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2017-2021 (KILOTON) 114

TABLE 39 LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2022-2027 (KILOTON) 114

TABLE 40 LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2017-2021 (USD MILLION) 115

TABLE 41 LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2022-2027 (USD MILLION) 115

7.2.1 CATHODE MATERIAL 115

FIGURE 43 CHEMISTRY OF CATHODE 116

TABLE 42 LITHIUM-ION BATTERY CATHODE MATERIALS MARKET SIZE, BY REGION, 2017-2021 (KILOTON) 116

TABLE 43 LITHIUM-ION BATTERY CATHODE MATERIALS MARKET SIZE, BY REGION, 2022-2027 (KILOTON) 116

TABLE 44 LITHIUM-ION BATTERY CATHODE MATERIALS MARKET SIZE, BY REGION, 2017-2021 (USD MILLION) 117

TABLE 45 LITHIUM-ION BATTERY CATHODE MATERIALS MARKET SIZE, BY REGION, 2022-2027 (USD MILLION) 117

7.2.1.1 Cathode material for lithium-ion batteries 117

TABLE 46 CATHODE MATERIALS MARKET SIZE, BY TYPE, 2017-2021 (KILOTON) 117

TABLE 47 CATHODE MATERIALS MARKET SIZE, BY TYPE, 2022-2027 (KILOTON) 118

TABLE 48 CATHODE MATERIALS MARKET SIZE, BY TYPE, 2017-2021 (USD MILLION) 118

TABLE 49 CATHODE MATERIALS MARKET SIZE, BY TYPE, 2022-2027 (USD MILLION) 118

7.2.1.1.1 Lithium iron phosphate (LFP) 119

TABLE 50 LFP CATHODE MATERIAL MARKET SIZE, BY REGION, 2017-2021 (KILOTON) 119

TABLE 51 LFP CATHODE MATERIAL MARKET SIZE, BY REGION, 2022-2027 (KILOTON) 119

TABLE 52 LFP CATHODE MATERIAL MARKET SIZE, BY REGION, 2017-2021 (USD MILLION) 119

TABLE 53 LFP CATHODE MATERIAL MARKET SIZE, BY REGION, 2022-2027 (USD MILLION) 120

7.2.1.1.2 Lithium cobalt oxide (LCO) 120

TABLE 54 LCO CATHODE MATERIAL MARKET SIZE, BY REGION, 2017-2021 (KILOTON) 120

TABLE 55 LCO CATHODE MATERIAL MARKET SIZE, BY REGION, 2022-2027 (KILOTON) 120

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TABLE 56 □ LCO CATHODE MATERIAL MARKET SIZE, BY REGION, 2017-2021 (USD MILLION) □ 121

TABLE 57 □ LCO CATHODE MATERIAL MARKET SIZE, BY REGION, 2022-2027 (USD MILLION) □ 121

7.2.1.1.3 □ Lithium nickel manganese cobalt (NMC) □ 121

TABLE 58 □ NMC CATHODE MATERIAL MARKET SIZE, BY REGION, 2017-2021 (KILOTON) □ 121

TABLE 59 □ NMC CATHODE MATERIAL MARKET SIZE, BY REGION, 2022-2027 (KILOTON) □ 122

TABLE 60 □ NMC CATHODE MATERIAL MARKET SIZE, BY REGION, 2017-2021 (USD MILLION) □ 122

TABLE 61 □ NMC CATHODE MATERIAL MARKET SIZE, BY REGION, 2022-2027 (USD MILLION) □ 122

7.2.1.1.4 □ Lithium nickel cobalt aluminum (NCA) □ 122

TABLE 62 □ NCA CATHODE MATERIAL MARKET SIZE, BY REGION, 2017-2021 (KILOTON) □ 123

TABLE 63 □ NCA CATHODE MATERIAL MARKET SIZE, BY REGION, 2022-2027 (KILOTON) □ 123

TABLE 64 □ NCA CATHODE MATERIAL MARKET SIZE, BY REGION, 2017-2021 (USD MILLION) □ 123

TABLE 65 □ NCA CATHODE MATERIAL MARKET SIZE, BY REGION, 2022-2027 (USD MILLION) □ 123

7.2.1.1.5 □ Lithium manganese oxide (LMO) □ 124

TABLE 66 □ LMO CATHODE MATERIAL MARKET SIZE, BY REGION, 2017-2021 (KILOTON) □ 124

TABLE 67 □ LMO CATHODE MATERIAL MARKET SIZE, BY REGION, 2022-2027 (KILOTON) □ 124

TABLE 68 □ LMO CATHODE MATERIAL MARKET SIZE, BY REGION, 2017-2021 (USD MILLION) □ 124

TABLE 69 □ LMO CATHODE MATERIAL MARKET SIZE, BY REGION, 2022-2027 (USD MILLION) □ 125

7.2.2 □ ANODE MATERIAL □ 125

TABLE 70 □ LITHIUM-ION BATTERY ANODE MATERIALS MARKET SIZE, BY REGION, 2017-2021 (KILOTON) □ 125

TABLE 71 □ LITHIUM-ION BATTERY ANODE MATERIALS MARKET SIZE, BY REGION, 2022-2027 (KILOTON) □ 126

TABLE 72 □ LITHIUM-ION BATTERY ANODE MATERIALS MARKET SIZE, BY REGION, 2017-2021 (USD MILLION) □ 126

TABLE 73 □ LITHIUM-ION BATTERY ANODE MATERIALS MARKET SIZE, BY REGION, 2022-2027 (USD MILLION) □ 126

7.2.2.1 □ Anode material for lithium-ion batteries □ 127

TABLE 74 □ LITHIUM-ION BATTERY ANODE MATERIALS MARKET SIZE, BY TYPE, 2017-2021 (KILOTON) □ 127

TABLE 75 □ LITHIUM-ION BATTERY ANODE MATERIALS MARKET SIZE, BY TYPE, 2022-2027 (KILOTON) □ 127

TABLE 76 □ LITHIUM-ION BATTERY ANODE MATERIALS MARKET SIZE, BY TYPE, 2017-2021 (USD MILLION) □ 127

TABLE 77 □ LITHIUM-ION BATTERY ANODE MATERIALS MARKET SIZE, BY TYPE, 2022-2027 (USD MILLION) □ 127

7.2.2.1.1 □ Natural graphite □ 128

TABLE 78 □ NATURAL GRAPHITE ANODE MATERIAL MARKET SIZE, BY REGION, 2017-2021 (KILOTON) □ 128

TABLE 79 □ NATURAL GRAPHITE ANODE MATERIAL MARKET SIZE, BY REGION, 2022-2027 (KILOTON) □ 128

TABLE 80 □ NATURAL GRAPHITE ANODE MATERIAL MARKET SIZE, BY REGION, 2017-2021 (USD MILLION) □ 128

TABLE 81 □ NATURAL GRAPHITE ANODE MATERIAL MARKET SIZE, BY REGION, 2022-2027 (USD MILLION) □ 129

7.2.2.1.2 □ Artificial graphite □ 129

TABLE 82 □ ARTIFICIAL GRAPHITE ANODE MATERIAL MARKET SIZE, BY REGION, 2017-2021 (KILOTON) □ 129

TABLE 83 □ ARTIFICIAL GRAPHITE ANODE MATERIAL MARKET SIZE, BY REGION, 2022-2027 (KILOTON) □ 129

TABLE 84 □ ARTIFICIAL GRAPHITE ANODE MATERIAL MARKET SIZE, BY REGION, 2017-2021 (USD MILLION) □ 130

TABLE 85 □ ARTIFICIAL GRAPHITE ANODE MATERIAL MARKET SIZE, BY REGION, 2022-2027 (USD MILLION) □ 130

7.2.2.1.3 □ Other anode materials □ 130

TABLE 86 □ OTHER ANODE MATERIALS MARKET SIZE, BY REGION, 2017-2021 (KILOTON) □ 130

TABLE 87 □ OTHER ANODE MATERIALS MARKET SIZE, BY REGION, 2022-2027 (KILOTON) □ 131

TABLE 88 □ OTHER ANODE MATERIALS MARKET SIZE, BY REGION, 2017-2021 (USD MILLION) □ 131

TABLE 89 □ OTHER ANODE MATERIALS MARKET SIZE, BY REGION, 2022-2027 (USD MILLION) □ 131

7.2.3 □ ELECTROLYTE MATERIAL □ 131

TABLE 90 □ LITHIUM-ION BATTERY ELECTROLYTE MATERIAL MARKET SIZE, BY REGION, 2017-2021 (KILOTON) □ 132

TABLE 91 □ LITHIUM-ION BATTERY ELECTROLYTE MATERIAL MARKET SIZE, BY REGION, 2022-2027 (KILOTON) □ 132

TABLE 92 □ LITHIUM-ION BATTERY ELECTROLYTE MATERIAL MARKET SIZE, BY REGION, 2017-2021 (USD MILLION) □ 133

TABLE 93 □ LITHIUM-ION BATTERY ELECTROLYTE MATERIAL MARKET SIZE, BY REGION, 2022-2027 (USD MILLION) □ 133

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7.2.4 OTHER MATERIALS 133

TABLE 94 LITHIUM-ION BATTERY OTHER MATERIALS MARKET SIZE, BY REGION, 2017-2021 (KILOTON) 134

TABLE 95 LITHIUM-ION BATTERY OTHER MATERIALS MARKET SIZE, BY REGION, 2022-2027 (KILOTON) 134

TABLE 96 LITHIUM-ION BATTERY OTHER MATERIALS MARKET SIZE, BY REGION, 2017-2021 (USD MILLION) 134

TABLE 97 LITHIUM-ION BATTERY OTHER MATERIALS MARKET SIZE, BY REGION, 2022-2027 (USD MILLION) 135

7.3 LEAD-ACID BATTERY MATERIALS 135

TABLE 98 LEAD-ACID BATTERY MATERIALS 135

FIGURE 44 CATHODE MATERIAL TO ACCOUNT FOR LARGEST SHARE OF LEAD-ACID BATTERY MATERIALS MARKET 136

TABLE 99 LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2017-2021 (KILOTON) 136

TABLE 100 LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2022-2027 (KILOTON) 136

TABLE 101 LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2017-2021 (USD MILLION) 137

TABLE 102 LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2022-2027 (USD MILLION) 137

7.3.1 CATHODE MATERIAL 137

TABLE 103 LEAD-ACID BATTERY CATHODE MATERIAL MARKET SIZE, BY REGION, 2017-2021 (KILOTON) 137

TABLE 104 LEAD-ACID BATTERY CATHODE MATERIAL MARKET SIZE, BY REGION, 2022-2027 (KILOTON) 138

TABLE 105 LEAD-ACID BATTERY CATHODE MATERIAL MARKET SIZE, BY REGION, 2017-2021 (USD MILLION) 138

TABLE 106 LEAD-ACID BATTERY CATHODE MATERIAL MARKET SIZE, BY REGION, 2022-2027 (USD MILLION) 138

7.3.2 ANODE MATERIAL 139

TABLE 107 LEAD-ACID BATTERY ANODE MATERIAL MARKET SIZE, BY REGION, 2017-2021 (KILOTON) 139

TABLE 108 LEAD-ACID BATTERY ANODE MATERIAL MARKET SIZE, BY REGION, 2022-2027 (KILOTON) 139

TABLE 109 LEAD-ACID BATTERY ANODE MATERIAL MARKET SIZE, BY REGION, 2017-2021 (USD MILLION) 139

TABLE 110 LEAD-ACID BATTERY ANODE MATERIAL MARKET SIZE, BY REGION, 2022-2027 (USD MILLION) 140

7.3.3 ELECTROLYTE MATERIAL 140

TABLE 111 LEAD-ACID BATTERY ELECTROLYTE MATERIAL MARKET SIZE, BY REGION, 2017-2021 (KILOTON) 140

TABLE 112 LEAD-ACID BATTERY ELECTROLYTE MATERIAL MARKET SIZE, BY REGION, 2022-2027 (KILOTON) 141

TABLE 113 LEAD-ACID BATTERY ELECTROLYTE MATERIAL MARKET SIZE, BY REGION, 2017-2021 (USD MILLION) 141

TABLE 114 LEAD-ACID BATTERY ELECTROLYTE MATERIAL MARKET SIZE, BY REGION, 2022-2027 (USD MILLION) 141

7.3.4 OTHER MATERIALS 141

TABLE 115 LEAD-ACID BATTERY OTHER MATERIALS MARKET SIZE, BY REGION, 2017-2021 (KILOTON) 142

TABLE 116 LEAD-ACID BATTERY OTHER MATERIALS MARKET SIZE, BY REGION, 2022-2027 (KILOTON) 142

TABLE 117 LEAD-ACID BATTERY OTHER MATERIALS MARKET SIZE, BY REGION, 2017-2021 (USD MILLION) 142

TABLE 118 LEAD-ACID BATTERY OTHER MATERIALS MARKET SIZE, BY REGION, 2022-2027 (USD MILLION) 143

7.4 OTHER BATTERY MATERIALS 143

8 BATTERY MATERIALS MARKET, BY APPLICATION 144

8.1 INTRODUCTION 145

8.2 LITHIUM-ION BATTERY 145

FIGURE 45 ELECTRIC VEHICLES SEGMENT TO DOMINATE LITHIUM-ION BATTERY MATERIALS MARKET BETWEEN 2022 AND 2027 145

TABLE 119 LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2017-2021 (KILOTON) 146

TABLE 120 LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2022-2027 (KILOTON) 146

TABLE 121 LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2017-2021 (USD MILLION) 146

TABLE 122 LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2022-2027 (USD MILLION) 147

8.2.1 PORTABLE DEVICES 147

TABLE 123 LITHIUM-ION BATTERY MATERIALS MARKET SIZE IN PORTABLE DEVICES, BY REGION, 2017-2021 (KILOTON) 147

TABLE 124 LITHIUM-ION BATTERY MATERIALS MARKET SIZE IN PORTABLE DEVICES, BY REGION, 2022-2027 (KILOTON) 148

TABLE 125 LITHIUM-ION BATTERY MATERIALS MARKET SIZE IN PORTABLE DEVICES, BY REGION, 2017-2021 (USD MILLION) 148

TABLE 126 LITHIUM-ION BATTERY MATERIALS MARKET SIZE IN PORTABLE DEVICES, BY REGION, 2022-2027 (USD MILLION) 148

8.2.2 ELECTRIC VEHICLES 149

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TABLE 127 LITHIUM-ION BATTERY MATERIALS MARKET SIZE IN ELECTRIC VEHICLES, BY REGION, 2017-2021 (KILOTON) 149

TABLE 128 LITHIUM-ION BATTERY MATERIALS MARKET SIZE IN ELECTRIC VEHICLES, BY REGION, 2022-2027 (KILOTON) 149

TABLE 129 LITHIUM-ION BATTERY MATERIALS MARKET SIZE IN ELECTRIC VEHICLES, BY REGION, 2017-2021 (USD MILLION) 150

TABLE 130 LITHIUM-ION BATTERY MATERIALS MARKET SIZE IN ELECTRIC VEHICLES, BY REGION, 2022-2027 (USD MILLION) 150

8.2.3 INDUSTRIAL 150

TABLE 131 LITHIUM-ION BATTERY MATERIALS MARKET SIZE IN INDUSTRIAL, BY REGION, 2017-2021 (KILOTON) 151

TABLE 132 LITHIUM-ION BATTERY MATERIALS MARKET SIZE IN INDUSTRIAL, BY REGION, 2022-2027 (KILOTON) 151

TABLE 133 LITHIUM-ION BATTERY MATERIALS MARKET SIZE IN INDUSTRIAL, BY REGION, 2017-2021 (USD MILLION) 151

TABLE 134 LITHIUM-ION BATTERY MATERIALS MARKET SIZE IN INDUSTRIAL, BY REGION, 2022-2027 (USD MILLION) 152

8.2.4 OTHERS 152

TABLE 135 LITHIUM-ION BATTERY MATERIALS MARKET SIZE IN OTHER APPLICATIONS, BY REGION, 2017-2021 (KILOTON) 152

TABLE 136 LITHIUM-ION BATTERY MATERIALS MARKET SIZE IN OTHER APPLICATIONS, BY REGION, 2022-2027 (KILOTON) 153

TABLE 137 LITHIUM-ION BATTERY MATERIALS MARKET SIZE IN OTHER APPLICATIONS, BY REGION, 2017-2021 (USD MILLION) 153

TABLE 138 LITHIUM-ION BATTERY MATERIALS MARKET SIZE IN OTHER APPLICATIONS, BY REGION, 2022-2027 (USD MILLION) 153

8.3 LEAD-ACID BATTERY 154

FIGURE 46 AUTOMOTIVE APPLICATION TO DOMINATE LEAD-ACID BATTERY MARKET BETWEEN 2022 AND 2027 154

TABLE 139 LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2017-2021 (KILOTON) 154

TABLE 140 LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2022-2027 (KILOTON) 154

TABLE 141 LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2017-2021 (USD MILLION) 155

TABLE 142 LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2022-2027 (USD MILLION) 155

8.3.1 AUTOMOTIVE 155

TABLE 143 LEAD-ACID BATTERY MATERIALS MARKET SIZE IN AUTOMOTIVE, BY REGION, 2017-2021 (KILOTON) 155

TABLE 144 LEAD-ACID BATTERY MATERIALS MARKET SIZE IN AUTOMOTIVE, BY REGION, 2022-2027 (KILOTON) 156

TABLE 145 LEAD-ACID BATTERY MATERIALS MARKET SIZE IN AUTOMOTIVE, BY REGION, 2017-2021 (USD MILLION) 156

TABLE 146 LEAD-ACID BATTERY MATERIALS MARKET SIZE IN AUTOMOTIVE, BY REGION, 2022-2027 (USD MILLION) 156

8.3.2 INDUSTRIAL 157

TABLE 147 LEAD-ACID BATTERY MATERIALS MARKET SIZE IN INDUSTRIAL, BY REGION, 2017-2021 (KILOTON) 157

TABLE 148 LEAD-ACID BATTERY MATERIALS MARKET SIZE IN INDUSTRIAL, BY REGION, 2022-2027 (KILOTON) 157

TABLE 149 LEAD-ACID BATTERY MATERIALS MARKET SIZE IN INDUSTRIAL, BY REGION, 2017-2021 (USD MILLION) 158

TABLE 150 LEAD-ACID BATTERY MATERIALS MARKET SIZE IN INDUSTRIAL, BY REGION, 2022-2027 (USD MILLION) 158

8.4 OTHERS 158

9 BATTERY MATERIALS MARKET, BY REGION 159

9.1 INTRODUCTION 160

FIGURE 47 REGIONAL SNAPSHOT: BATTERY MATERIALS MARKET IN INDIA TO WITNESS HIGHEST CAGR 160

TABLE 151 BATTERY MATERIALS MARKET SIZE, BY REGION, 2017-2021 (KILOTON) 160

TABLE 152 BATTERY MATERIALS MARKET SIZE, BY REGION, 2022-2027 (KILOTON) 161

TABLE 153 BATTERY MATERIALS MARKET SIZE, BY REGION, 2017-2021 (USD MILLION) 161

TABLE 154 BATTERY MATERIALS MARKET SIZE, BY REGION, 2022-2027 (USD MILLION) 161

9.2 ASIA PACIFIC 162

FIGURE 48 ASIA PACIFIC: BATTERY MATERIALS MARKET SNAPSHOT 163

9.2.1 ASIA PACIFIC BATTERY MATERIALS MARKET, BY BATTERY TYPE 164

TABLE 155 ASIA PACIFIC: BATTERY MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017-2021 (KILOTON) 164

TABLE 156 ASIA PACIFIC: BATTERY MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022-2027 (KILOTON) 164

TABLE 157 ASIA PACIFIC: BATTERY MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017-2021 (USD MILLION) 164

TABLE 158 ASIA PACIFIC: BATTERY MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022-2027 (USD MILLION) 164

9.2.2 ASIA PACIFIC LITHIUM-ION BATTERY MATERIALS MARKET, BY MATERIAL 165

TABLE 159 ASIA PACIFIC: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2017-2021 (KILOTON) 165

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TABLE 160 ASIA PACIFIC: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2022-2027 (KILOTON) 165

TABLE 161 ASIA PACIFIC: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2017-2021 (USD MILLION) 165

TABLE 162 ASIA PACIFIC: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2022-2027 (USD MILLION) 166

9.2.2.1 Asia Pacific lithium-ion cathode battery materials market 166

TABLE 163 ASIA PACIFIC: LITHIUM-ION CATHODE BATTERY MATERIALS MARKET SIZE, 2017-2021 (KILOTON) 166

TABLE 164 ASIA PACIFIC: LITHIUM-ION CATHODE BATTERY MATERIALS MARKET SIZE, 2022-2027 (KILOTON) 166

TABLE 165 ASIA PACIFIC: LITHIUM-ION CATHODE BATTERY MATERIALS MARKET SIZE, 2017-2021 (USD MILLION) 167

TABLE 166 ASIA PACIFIC: LITHIUM-ION CATHODE BATTERY MATERIALS MARKET SIZE, 2022-2027 (USD MILLION) 167

9.2.2.2 Asia Pacific lithium-ion anode battery materials market 167

TABLE 167 ASIA PACIFIC: LITHIUM-ION ANODE BATTERY MATERIALS MARKET SIZE, 2017-2021 (KILOTON) 167

TABLE 168 ASIA PACIFIC: LITHIUM-ION ANODE BATTERY MATERIALS MARKET SIZE, 2022-2027 (KILOTON) 168

TABLE 169 ASIA PACIFIC: LITHIUM-ION ANODE BATTERY MATERIALS MARKET SIZE, 2017-2021 (USD MILLION) 168

TABLE 170 ASIA PACIFIC: LITHIUM-ION ANODE BATTERY MATERIALS MARKET SIZE, 2022-2027 (USD MILLION) 168

9.2.3 ASIA PACIFIC LITHIUM-ION BATTERY MATERIALS MARKET, BY APPLICATION 169

TABLE 171 ASIA PACIFIC: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2017-2021 (KILOTON) 169

TABLE 172 ASIA PACIFIC: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2022-2027 (KILOTON) 169

TABLE 173 ASIA PACIFIC: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2017-2021 (USD MILLION) 169

TABLE 174 ASIA PACIFIC: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2022-2027 (USD MILLION) 170

9.2.4 ASIA PACIFIC LEAD-ACID BATTERY MATERIALS MARKET, BY MATERIAL 170

TABLE 175 ASIA PACIFIC: LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2017-2021 (KILOTON) 170

TABLE 176 ASIA PACIFIC: LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2022-2027 (KILOTON) 170

TABLE 177 ASIA PACIFIC: LEAD-ACID BATTERY MATERIAL MARKET SIZE, BY MATERIAL, 2017-2021 (USD MILLION) 171

TABLE 178 ASIA PACIFIC: LEAD-ACID BATTERY MATERIAL MARKET SIZE, BY MATERIAL, 2022-2027 (USD MILLION) 171

9.2.5 ASIA PACIFIC LEAD-ACID BATTERY MATERIALS MARKET, BY APPLICATION 171

TABLE 179 ASIA PACIFIC: LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2017-2021 (KILOTON) 171

TABLE 180 ASIA PACIFIC: LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2022-2027 (KILOTON) 172

TABLE 181 ASIA PACIFIC: LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2017-2021 (USD MILLION) 172

TABLE 182 ASIA PACIFIC: LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2022-2027 (USD MILLION) 172

9.2.6 ASIA PACIFIC BATTERY MATERIALS MARKET, BY COUNTRY 173

TABLE 183 ASIA PACIFIC: BATTERY MATERIALS MARKET SIZE, BY COUNTRY, 2017-2021 (KILOTON) 173

TABLE 184 ASIA PACIFIC: BATTERY MATERIALS MARKET SIZE, BY COUNTRY, 2022-2027 (KILOTON) 173

TABLE 185 ASIA PACIFIC: BATTERY MATERIALS MARKET SIZE, BY COUNTRY, 2017-2021 (USD MILLION) 173

TABLE 186 ASIA PACIFIC: BATTERY MATERIALS MARKET SIZE, BY COUNTRY, 2022-2027 (USD MILLION) 174

9.2.6.1 China 174

9.2.6.1.1 Increasing sales of EVs to support battery materials market 174

9.2.6.2 South Korea 175

9.2.6.2.1 Government initiatives to install energy storage facilities to drive market 175

9.2.6.3 Japan 175

9.2.6.3.1 Presence of major battery manufacturers to support market 175

9.2.6.4 India 176

9.2.6.4.1 Government initiatives supporting EV sales to boost market 176

9.2.6.5 Rest of Asia Pacific 176

9.3 NORTH AMERICA 177

FIGURE 49 NORTH AMERICA: BATTERY MATERIALS MARKET SNAPSHOT 177

9.3.1 NORTH AMERICA BATTERY MATERIALS MARKET, BY BATTERY TYPE 178

TABLE 187 NORTH AMERICA: BATTERY MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017-2021 (KILOTON) 178

TABLE 188 NORTH AMERICA: BATTERY MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022-2027 (KILOTON) 178

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TABLE 189 NORTH AMERICA: BATTERY MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017-2021 (USD MILLION) 178

TABLE 190 NORTH AMERICA: BATTERY MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022-2027 (USD MILLION) 178

9.3.2 NORTH AMERICA LITHIUM-ION BATTERY MATERIALS MARKET, BY MATERIAL 179

TABLE 191 NORTH AMERICA: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2017-2021 (KILOTON) 179

TABLE 192 NORTH AMERICA: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2022-2027 (KILOTON) 179

TABLE 193 NORTH AMERICA: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2017-2021 (USD MILLION) 179

TABLE 194 NORTH AMERICA: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2022-2027 (USD MILLION) 180

9.3.2.1 North America lithium-ion cathode battery materials market 180

TABLE 195 NORTH AMERICA: LITHIUM-ION CATHODE BATTERY MATERIALS MARKET SIZE, 2017-2021 (KILOTON) 180

TABLE 196 NORTH AMERICA: LITHIUM-ION CATHODE BATTERY MATERIALS MARKET SIZE, 2022-2027 (KILOTON) 180

TABLE 197 NORTH AMERICA: LITHIUM-ION CATHODE BATTERY MATERIALS MARKET SIZE, 2017-2021 (USD MILLION) 181

TABLE 198 NORTH AMERICA: LITHIUM-ION CATHODE BATTERY MATERIALS MARKET SIZE, 2022-2027 (USD MILLION) 181

9.3.2.2 North America lithium-ion anode battery materials market 181

TABLE 199 NORTH AMERICA: LITHIUM-ION ANODE BATTERY MATERIALS MARKET SIZE, 2017-2021 (KILOTON) 181

TABLE 200 NORTH AMERICA: LITHIUM-ION ANODE BATTERY MATERIALS MARKET SIZE, 2022-2027 (KILOTON) 182

TABLE 201 NORTH AMERICA: LITHIUM-ION ANODE BATTERY MATERIALS MARKET SIZE, 2017-2021 (USD MILLION) 182

TABLE 202 NORTH AMERICA: LITHIUM-ION ANODE BATTERY MATERIALS MARKET SIZE, 2022-2027 (USD MILLION) 182

9.3.3 NORTH AMERICA LITHIUM-ION BATTERY MATERIALS MARKET, BY APPLICATION 183

TABLE 203 NORTH AMERICA: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2017-2021 (KILOTON) 183

TABLE 204 NORTH AMERICA: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2022-2027 (KILOTON) 183

TABLE 205 NORTH AMERICA: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2017-2021 (USD MILLION) 183

TABLE 206 NORTH AMERICA: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2022-2027 (USD MILLION) 184

9.3.4 NORTH AMERICA LEAD-ACID BATTERY MATERIALS MARKET, BY MATERIAL 184

TABLE 207 NORTH AMERICA: LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2017-2021 (KILOTON) 184

TABLE 208 NORTH AMERICA: LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2022-2027 (KILOTON) 184

TABLE 209 NORTH AMERICA: LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2017-2021 (USD MILLION) 185

TABLE 210 NORTH AMERICA: LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2022-2027 (USD MILLION) 185

9.3.5 NORTH AMERICA LEAD-ACID BATTERY MATERIALS MARKET, BY APPLICATION 185

TABLE 211 NORTH AMERICA: LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2017-2021 (KILOTON) 185

TABLE 212 NORTH AMERICA: LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2022-2027 (KILOTON) 186

TABLE 213 NORTH AMERICA: LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2017-2021 (USD MILLION) 186

TABLE 214 NORTH AMERICA: LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2022-2027 (USD MILLION) 186

9.3.6 NORTH AMERICA BATTERY MATERIALS MARKET, BY COUNTRY 186

TABLE 215 NORTH AMERICA: BATTERY MATERIALS MARKET SIZE, BY COUNTRY, 2017-2021 (KILOTON) 186

TABLE 216 NORTH AMERICA: BATTERY MATERIALS MARKET SIZE, BY COUNTRY, 2022-2027 (KILOTON) 187

TABLE 217 NORTH AMERICA: BATTERY MATERIALS MARKET SIZE, BY COUNTRY, 2017-2021 (USD MILLION) 187

TABLE 218 NORTH AMERICA: BATTERY MATERIALS MARKET SIZE, BY COUNTRY, 2022-2027 (USD MILLION) 187

9.3.6.1 US 188

9.3.6.1.1 Increasing sales of EVs and portable devices supporting battery materials market 188

9.3.6.2 Rest of North America 188

9.4 EUROPE 189

FIGURE 50 EUROPE: BATTERY MATERIALS MARKET SNAPSHOT 190

9.4.1 EUROPE BATTERY MATERIALS MARKET, BY BATTERY TYPE 190

TABLE 219 EUROPE: BATTERY MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017-2021 (KILOTON) 190

TABLE 220 EUROPE: BATTERY MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022-2027 (KILOTON) 191

TABLE 221 EUROPE: BATTERY MATERIALS MARKET SIZE, BY BATTERY TYPE, 2017-2021 (USD MILLION) 191

TABLE 222 EUROPE: BATTERY MATERIALS MARKET SIZE, BY BATTERY TYPE, 2022-2027 (USD MILLION) 191

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9.4.2 EUROPE LITHIUM-ION BATTERY MATERIALS MARKET, BY MATERIAL 191

TABLE 223 EUROPE: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2017-2021 (KILOTON) 191

TABLE 224 EUROPE: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2022-2027 (KILOTON) 192

TABLE 225 EUROPE: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2017-2021 (USD MILLION) 192

TABLE 226 EUROPE: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2022-2027 (USD MILLION) 192

9.4.2.1 Europe lithium-ion cathode battery materials market 193

TABLE 227 EUROPE: LITHIUM-ION CATHODE BATTERY MATERIALS MARKET SIZE, 2017-2021 (KILOTON) 193

TABLE 228 EUROPE: LITHIUM-ION CATHODE BATTERY MATERIALS MARKET SIZE, 2022-2027 (KILOTON) 193

TABLE 229 EUROPE: LITHIUM-ION CATHODE BATTERY MATERIALS MARKET SIZE, 2017-2021 (USD MILLION) 193

TABLE 230 EUROPE: LITHIUM-ION CATHODE BATTERY MATERIALS MARKET SIZE, 2022-2027 (USD MILLION) 194

9.4.2.2 Europe lithium-ion anode battery materials market 194

TABLE 231 EUROPE: LITHIUM-ION ANODE BATTERY MATERIALS MARKET SIZE, 2017-2021 (KILOTON) 194

TABLE 232 EUROPE: LITHIUM-ION ANODE BATTERY MATERIALS MARKET SIZE, 2022-2027 (KILOTON) 194

TABLE 233 EUROPE: LITHIUM-ION ANODE BATTERY MATERIALS MARKET SIZE, 2017-2021 (USD MILLION) 195

TABLE 234 EUROPE: LITHIUM-ION ANODE BATTERY MATERIALS MARKET SIZE, 2022-2027 (USD MILLION) 195

9.4.3 EUROPE LITHIUM-ION BATTERY MATERIALS MARKET, BY APPLICATION 195

TABLE 235 EUROPE: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2017-2021 (KILOTON) 195

TABLE 236 EUROPE: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2022-2027 (KILOTON) 196

TABLE 237 EUROPE: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2017-2021 (USD MILLION) 196

TABLE 238 EUROPE: LITHIUM-ION BATTERY MATERIALS MARKET SIZE, BY APPLICATION, 2022-2027 (USD MILLION) 196

9.4.4 EUROPE LEAD-ACID BATTERY MATERIALS MARKET, BY MATERIAL 197

TABLE 239 EUROPE: LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2017-2021 (KILOTON) 197

TABLE 240 EUROPE: LEAD-ACID BATTERY MATERIALS MARKET SIZE, BY MATERIAL, 2022-2027 (KILOTON) 197

TABLE 241 EUROPE: LEAD-ACID BATTERY MATERIAL MARKET SIZE, BY MATERIAL, 2017-2021 (USD MILLION) 197

TABLE 242 EUROPE: LEAD-ACID BATTERY MATERIAL MARKET SIZE, BY MATERIAL, 2022-2027 (USD MILLION) 198

Battery Materials Market by Battery Type (Lead-Acid, Lithium-ion), Material (Cathode, Anode, Electrolyte), Application (Automotive, EV, Portable devices, industrial), and Region (Aisa Pacific, North America, Europe, RoW) - Global Forecast to 2027

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