

**Polymer Foam Market by Resin Type (PU, PS, PO, Phenolic), Foam Type (Rigid, Flexible), End-Use Industry (Building & Construction, Packaging, Automotive, Furniture & Bedding, Footwear, Sports, & Recreational), and Region - Global Forecast to 2030**

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**Report description:**

The global polymer foam market is projected to grow from USD 102.61 billion in 2024 to USD 142.02 billion by 2030, at a CAGR of 5.6% during the forecast period. The polymer foam market is growing mainly due to its numerous end-use industries. The building and construction end-use industry is expected to be one of the major drivers for this market, mainly due to the rapid urbanization and the growing demand for more sustainable and energy-efficient building materials. The polymer foams are found to be used in the building and construction end-use industry's flooring, wall cavities, insulation panels, and roofing sectors.

"Packaging segment, by end-use industry, is estimated to account for the second largest share during the forecast period."

The packaging segment is projected to secure the second-largest share in the forecast period. The escalating utilization of protective and versatile packaging solutions is expected to make the packaging segment, based on the end-use industry, account for the second largest share of the polymer foam market. Concerning hazards of transit and storage, polymer foams, being the most widely used, are particularly beneficial to the products. They offer optimal cushioning, shockproof assistance, and heat insulation, which can be extensively used for delicate and perishable products such as electronics, glass, and food items.

E-commerce and global businesses have lured businesses needing reliable and light packaging since the packaging enhances safety against risks and lowers shipping costs.

"By resin type, polystyrene segment accounted for the second largest share during the forecast period."

The polystyrene segment by resin type is expected to have the second-largest share of the polymer foam market owing to its affordability, adaptability, and widespread applications across various sectors. There are two significant types of polystyrene:

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extruded polystyrene and expanded polystyrene. These two significant kinds are extensively used in multiple sectors, including construction, consumer goods, and packaging. Polystyrene foams are used in the packaging industry due to their lightweight nature, which makes them ideal for protecting and shipping fragile items like glass and electronics. Similarly, these foams are insulating materials in the building and construction industry.

"Europe region is estimated to account for the second largest share during the forecast period."

Europe is expected to have the second-largest share of the polymer foam market, mainly due to an established automotive industry in the region, particularly in countries like France, Italy, and Germany. The automotive sector extensively utilizes polymer foam due to its beneficial properties, including soundproofing, lightweight nature, and cushioning ability. Moreover, Europe's rapidly growing construction industry utilizes polymer foams as energy-efficient building materials due to their thermal insulating properties. Apart from these two major industries, the demand for polymer foams is also increasing in the packaging industry of Europe due to its protective and lightweight nature, thus driving the market for polymer foams.

Profile break-up of primary participants for the report:

- By Company Type: Tier 1 - 69%, Tier 2 - 23%, and Tier 3 - 8%

- By Designation: Directors- 37%, Managers- 23%, and Others - 40%

- By Region: North America - 32%, Asia Pacific - 28%, Europe - 21%, Middle East & Africa - 12%, and South America - 7%

ARMACELL (Luxembourg), Sheela Foam Limited (India), Kingspan Insulation, LLC (Ireland), Owens Corning (US), and Zotefoams plc (UK) are some of the major players operating in the polymer foam market. These players have adopted acquisitions, expansions, product launches, and partnerships to increase their market share business revenue.

Research Coverage:

The report defines, segments, and projects the polymer foam market based on resin type, foam type, end-use industry, and region. It provides detailed information regarding the major factors influencing the market's growth, such as drivers, restraints, opportunities, and challenges. It strategically profiles polymer foam manufacturers, comprehensively analyzing their market shares and core competencies, and tracks and analyzes competitive developments, such as expansions, agreements, product launches, and acquisitions.

Reasons to Buy the Report:

The report is expected to help the market leaders/new entrants by providing them with the closest approximations of revenue numbers of the polymer foam market and its segments. This report is also expected to help stakeholders obtain an improved understanding of the market's competitive landscape, gain insights to improve the position of their businesses and make suitable go-to-market strategies. It also enables stakeholders to understand the market's pulse and provides information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

- Analysis of critical drivers (growth of major end-use industries of polymer foams, high demand for polymer foams in the Asia Pacific, global focus on energy sustainability and energy conservation), restraints (volatility in raw material prices), opportunities (growing demand for bio-based polyols, growing demand for CO<sub>2</sub>-based polyols), and challenges (high pricing pressure to cause fluctuations in crude oil prices, stringent regulations) influencing the growth of the polymer foam market.
- Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities in the polymer foam market.
- Market Development: Comprehensive information about lucrative markets - the report analyses the polymer foam market across varied regions.
- Market Diversification: Exhaustive information about new products, various types, untapped geographies, recent developments,

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and investments in the polymer foam market.

- Competitive Assessment: In-depth assessment of market shares, growth strategies, and product offerings of leading players such as ARMACELL (Luxembourg), Sheela Foam Limited (India), Kingspan Insulation, LLC (Ireland), Owens Corning (US), Zotefoams plc (UK), Saint-Gobain (France), Dura Foam Industries Pvt. Ltd. (India), FXI (US), Aeroflex USA, Inc. (US), Duroflex Foam (India)), and others in the polymer foam market.

## Table of Contents:

1	INTRODUCTION	26
1.1	STUDY OBJECTIVES	26
1.2	MARKET DEFINITION	26
1.2.1	POLYMER FOAM MARKET DEFINITION, BY RESIN TYPE	26
1.2.2	POLYMER FOAM MARKET DEFINITION, BY END-USE INDUSTRY	27
1.3	STUDY SCOPE	28
1.3.1	MARKETS COVERED	28
1.3.2	POLYMER FOAM MARKET: INCLUSIONS AND EXCLUSIONS	29
1.3.3	POLYMER FOAM MARKET: INCLUSIONS & EXCLUSIONS, BY REGION	29
1.3.4	YEARS CONSIDERED	30
1.3.5	CURRENCY CONSIDERED	31
1.3.6	UNITS CONSIDERED	31
1.4	STAKEHOLDERS	31
1.5	RESEARCH LIMITATIONS	31
1.6	SUMMARY OF CHANGES	32
2	RESEARCH METHODOLOGY	33
2.1	RESEARCH DATA	33
2.1.1	SECONDARY DATA	34
2.1.2	PRIMARY DATA	34
2.1.2.1	Primary interviews - demand and supply sides	34
2.1.2.2	Key industry insights	35
2.1.2.3	Breakdown of interviews with experts	35
2.2	MARKET SIZE ESTIMATION	36
2.2.1	BOTTOM-UP APPROACH	36
2.2.2	TOP-DOWN APPROACH	37
2.3	DATA TRIANGULATION	38
2.4	FACTOR ANALYSIS	40
2.5	RESEARCH ASSUMPTIONS	40
2.6	GROWTH FORECAST	41
2.6.1	SUPPLY SIDE	41
2.6.2	DEMAND SIDE	41
2.7	LIMITATIONS	41
2.8	RISK ASSESSMENT	42
3	EXECUTIVE SUMMARY	43
?		
4	PREMIUM INSIGHTS	47
4.1	ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN POLYMER FOAM MARKET	47
4.2	POLYMER FOAM MARKET, BY REGION	47
4.3	POLYMER FOAM MARKET, BY RESIN TYPE	48

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4.4	POLYMER FOAM MARKET, BY KEY COUNTRY	48
5	MARKET OVERVIEW	49
5.1	INTRODUCTION	49
5.2	MARKET DYNAMICS	50
5.2.1	DRIVERS	50
5.2.1.1	Growth of major end-use industries of polymer foams	50
5.2.1.2	High demand for polymer foams in Asia Pacific	53
5.2.1.3	Global focus on energy sustainability and energy conservation	54
5.2.2	RESTRAINTS	54
5.2.2.1	Volatility in raw material prices	54
5.2.3	OPPORTUNITIES	55
5.2.3.1	Growing demand for bio-based polyols	55
5.2.3.2	Rising demand for CO2-based polyols	56
5.2.4	CHALLENGES	57
5.2.4.1	High pricing pressure to cause fluctuations in crude oil prices	57
5.2.4.2	Stringent regulations	57
6	INDUSTRY TRENDS	58
6.1	SUPPLY CHAIN ANALYSIS	58
6.1.1	RAW MATERIAL SUPPLIERS	59
6.1.2	MANUFACTURERS	59
6.1.3	DISTRIBUTION NETWORK	59
6.1.4	END-USE INDUSTRIES	59
6.2	ECOSYSTEM ANALYSIS	60
6.3	PORTER'S FIVE FORCES ANALYSIS	62
6.3.1	THREAT OF NEW ENTRANTS	63
6.3.2	THREAT OF SUBSTITUTES	63
6.3.3	BARGAINING POWER OF BUYERS	63
6.3.4	BARGAINING POWER OF SUPPLIERS	64
6.3.5	INTENSITY OF COMPETITIVE RIVALRY	64
6.4	KEY STAKEHOLDERS AND BUYING CRITERIA	65
6.4.1	KEY STAKEHOLDERS IN BUYING PROCESS	65
6.4.2	BUYING CRITERIA	66
6.5	PRICING ANALYSIS	67
6.5.1	AVERAGE SELLING PRICE TREND OF POLYMER FOAM, BY REGION	67
6.5.2	GLOBAL FLEXIBLE FOAM PRICES, BY COUNTRY	68
6.5.3	GLOBAL RIGID FOAM PRICES, BY COUNTRY	69
6.6	TARRIF AND REGULATORY LANDSCAPE	70
6.6.1	TARIFF DATA	70
6.6.2	REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	70
6.7	KEY CONFERENCES & EVENTS, 2024-2025	74
6.8	PATENT ANALYSIS	75
6.8.1	APPROACH	75
6.8.2	DOCUMENT TYPES	75
6.8.3	TOP APPLICANTS	78
6.8.4	JURISDICTION ANALYSIS	80
6.9	TECHNOLOGY ANALYSIS	81
6.9.1	KEY TECHNOLOGIES	81

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6.9.1.1	Extrusion foaming	81
6.9.1.2	Injection foaming	82
6.9.1.3	Compression foaming	83
6.9.2	COMPLEMENTARY TECHNOLOGIES	84
6.9.2.1	Bio-based foams	84
6.9.2.2	Nanotechnology	85
6.10	CASE STUDY ANALYSIS	86
6.10.1	CASE STUDY 1: KINGSPAN INTRODUCED HEMKOR RANGE, FEATURING ITS INAUGURAL BIO-BASED INSULATION PRODUCT	86
6.10.2	CASE STUDY 2: OWENS CORNING INTRODUCED FOAMULAR NEXT-GENERATION EXTRUDED (NGX) AS A BUILDING MATERIAL	87
6.10.3	CASE STUDY 3: KINGSPAN GROUP LAUNCHED ALPHACORE, AN ADVANCED INSULATION PRODUCT FOR BUILDINGS	87
6.11	TRADE ANALYSIS	88
6.11.1	IMPORT DATA (HS CODE 3913)	88
6.11.2	EXPORT DATA (HS CODE 3913)	88
6.12	TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS	89
6.13	INVESTMENT AND FUNDING SCENARIO	89
6.14	MACROECONOMIC INDICATORS	90
6.14.1	GDP TRENDS AND FORECAST FOR MAJOR ECONOMIES	90
6.14.2	GDP PERCENTAGE CHANGE OF KEY COUNTRIES	91
6.15	IMPACT OF AI/GENERATIVE AI	93
7	POLYMER FOAM MARKET, BY RESIN TYPE	94
7.1	INTRODUCTION	95
7.2	POLYURETHANE	97
7.2.1	WIDE USE IN BEDDING AND UPHOLSTERY TO LEAD MARKET	97
7.2.2	RAW MATERIALS OF POLYURETHANE FOAM	99
7.2.2.1	Methylene diphenyl diisocyanate	99
7.2.2.2	Toluene diisocyanate	100
7.2.2.3	Polyol	101
7.2.3	POLYURETHANE FOAM CELL STRUCTURE	102
7.2.3.1	Introduction	102
7.2.3.2	Microcellular polyurethane foam	102
7.2.3.3	Nanocellular polyurethane foam	102
7.2.4	DENSITY COMPOSITION OF POLYURETHANE FOAM	103
7.2.4.1	Introduction	103
7.2.4.2	Low-density polyurethane foam	103
7.2.4.2.1	Reticulated polyurethane foam	104
7.2.4.2.2	Polyester foam	104
7.2.4.2.3	Polyether foam	104
7.2.4.3	Medium-density polyurethane foam	104
7.2.4.4	High-density polyurethane foam	105
7.3	POLYSTYRENE	105
7.3.1	INCREASING DEMAND FOR ECO-FRIENDLY BUILDING STRUCTURES TO DRIVE MARKET	105
7.3.2	TYPES OF POLYSTYRENE (PS) FOAM	107
7.3.2.1	Expanded polystyrene	107
7.3.2.2	Eps manufacturing process	107
7.3.2.2.1	Pre-expansion	108
7.3.2.2.2	Intermediate maturing and stabilization	108

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- 7.3.2.2.3 Expansion and final molding 108
- 7.3.2.3 White expanded polystyrene 108
- 7.3.2.4 Grey expanded polystyrene 109
- 7.3.2.4.1 Silver expanded polystyrene 109
- 7.3.2.5 Black expanded polystyrene 109
- 7.3.2.6 Extruded polystyrene foam 109
- 7.4 POLYOLEFIN 110
- 7.4.1 HIGH DEMAND IN AUTOMOTIVE INDUSTRY TO DRIVE MARKET 110
- 7.4.2 POLYPROPYLENE FOAM 112
- 7.4.3 POLYETHYLENE FOAM 112
- 7.4.4 EVA FOAM 112
- 7.5 PHENOLIC 112
- 7.5.1 INCREASING DEMAND FROM HIGH-END APPLICATIONS TO DRIVE MARKET 112
- 7.6 OTHER RESIN TYPES 114
- 7.6.1 PVC FOAM 114
- 7.6.2 MELAMINE FOAM 115
- 7.6.3 SILICONE FOAM 115
- 7.6.4 PVDF FOAM 115
- 7.6.5 RUBBER 115
- ?
- 8 POLYMER FOAM MARKET, BY FOAM TYPE 118
- 8.1 INTRODUCTION 118
- 8.2 FLEXIBLE FOAMS 118
- 8.2.1 TYPES OF FLEXIBLE FOAMS 118
- 8.2.1.1 Flexible polyurethane foam 118
- 8.2.1.2 Flexible polyethylene foam 118
- 8.2.1.3 Flexible polypropylene foam 118
- 8.2.2 GROWTH OF FLEXIBLE FOAM SEGMENT 119
- 8.2.3 MANUFACTURING PROCESS 119
- 8.2.4 PHYSICAL AND MECHANICAL PROPERTIES 119
- 8.2.5 KEY APPLICATIONS OF FLEXIBLE FOAMS 120
- 8.2.5.1 Cushioning 120
- 8.2.5.2 Apparel padding 120
- 8.2.5.3 Filtration 120
- 8.2.5.4 Other applications 120
- 8.3 RIGID FOAMS 121
- 8.3.1 TYPES OF RIGID FOAMS 121
- 8.3.1.1 Rigid polyurethane foam 121
- 8.3.1.2 Rigid polystyrene foam 121
- 8.3.1.3 Rigid polypropylene foam 121
- 8.3.1.4 Rigid polyethylene foam 121
- 8.3.2 SURGING DEMAND FOR INSULATION IN RESIDENTIAL AND COMMERCIAL BUILDINGS 122
- 8.3.3 MANUFACTURING PROCESS 122
- 8.3.4 PHYSICAL AND CHEMICAL PROPERTIES OF RIGID FOAM 123
- 8.3.5 KEY APPLICATIONS OF RIGID FOAMS 124
- 8.3.5.1 Building and transport insulation 124
- 8.3.5.2 Appliances insulation (refrigerators and freezers) 124

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8.3.5.3	Buoyancy and in-fill	124
9	POLYMER FOAM MARKET, BY END-USE INDUSTRY	125
9.1	INTRODUCTION	126
9.2	BUILDING & CONSTRUCTION	127
9.2.1	STRINGENT REGULATIONS REGARDING ENERGY SAVINGS IN BUILDING & CONSTRUCTION TO FUEL DEMAND	127
9.2.2	POLYMER FOAM FOR BUILDING & CONSTRUCTION	128
9.2.2.1	Thermal insulation	128
9.2.2.2	Air sealing	128
	?	
9.3	BEDDING & FURNITURE	129
9.3.1	PRESSING NEED IN UPHOLSTERY APPLICATIONS TO DRIVE MARKET	129
9.3.2	POLYURETHANE FOAM FOR BEDDING & FURNITURE	130
9.3.2.1	Mattress & pillows	130
9.3.2.2	Medical	130
9.3.2.3	Carpet cushioning	130
9.3.2.4	Seating	130
9.3.2.5	Office furniture	130
9.4	PACKAGING	132
9.4.1	INCREASING DEMAND FOR POLYURETHANE FOAMS IN ELECTRONIC PRODUCTS TO DRIVE MARKET	132
9.4.2	POLYURETHANE FOAM FOR PACKAGING	132
9.4.2.1	Foam packaging	132
9.4.2.2	Composite packaging	133
9.5	AUTOMOTIVE	134
9.5.1	SURGING DEMAND FOR POLYMER FOAMS TO BOOST MARKET	134
9.5.2	POLYURETHANE FOAM FOR AUTOMOTIVE INDUSTRY	134
9.5.2.1	Cushion overlays	134
9.5.2.2	Seat foams	134
9.5.2.3	Door panels	135
9.5.2.4	Energy absorbers	135
9.5.2.5	Sound absorption and vibration dampening	135
9.5.2.6	Others	135
9.6	FOOTWEAR, SPORTS & RECREATIONAL	136
9.6.1	RIISING DEMAND FOR POLYMER FOAMS AS ADHESIVES IN FOOTWEAR TO DRIVE MARKET	136
9.6.2	POLYMER FOAM FOR FOOTWEAR	136
9.6.2.1	Shoe midsoles	136
9.6.2.2	Shoe bottoms	136
9.6.2.3	Shoe upper materials	137
9.7	OTHER END-USE INDUSTRIES	138
9.7.1	AVIATION & AEROSPACE	138
9.7.2	WIND ENERGY	138
9.7.3	MARINE	138
9.7.4	MEDICAL	138
9.7.5	REFRIGERATION	138
10	POLYMER FOAM MARKET, BY REGION	140
10.1	INTRODUCTION	141
10.2	ASIA PACIFIC	143
10.2.1	ASIA PACIFIC POLYMER FOAM MARKET, BY RESIN TYPE	145

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10.2.2	ASIA PACIFIC POLYMER FOAM MARKET, BY END-USE INDUSTRY	146
?		
10.2.3	ASIA PACIFIC POLYMER FOAM MARKET, BY COUNTRY	147
10.2.3.1	China	148
10.2.3.1.1	Expanding automotive sector and need for improved public infrastructure to boost demand	148
10.2.3.2	Japan	149
10.2.3.2.1	Presence of a well-established building & construction industry to boost demand for polymer foams	149
10.2.3.3	India	150
10.2.3.3.1	Availability of resources and urbanization to drive market	150
10.2.3.4	South Korea	152
10.2.3.4.1	Growth in automotive industry to drive demand for polymer foams	152
10.2.3.5	Indonesia	153
10.2.3.5.1	High growth in building & construction and automotive industries to drive market	153
10.2.3.6	Thailand	154
10.2.3.6.1	Strong local supply chain and automobile production to drive market	154
10.2.3.7	Malaysia	155
10.2.3.7.1	Increase in demand for polyurethane foam to drive market	155
10.2.3.8	Rest of Asia Pacific	157
10.3	EUROPE	158
10.3.1	EUROPE POLYMER FOAM MARKET, BY RESIN TYPE	160
10.3.2	EUROPE POLYMER FOAM MARKET, BY END-USE INDUSTRY	161
10.3.3	EUROPE POLYMER FOAM MARKET, BY COUNTRY	162
10.3.3.1	Italy	163
10.3.3.1.1	Increasing investments by foreign investors to drive market	163
10.3.3.2	Spain	164
10.3.3.2.1	Growth of construction industry to boost demand for polymer foams	164
10.3.3.3	Germany	165
10.3.3.3.1	Presence of major automobile companies and production facilities to boost demand	165
10.3.3.4	France	166
10.3.3.4.1	Growing demand for auto parts and packaging materials to drive market	166
10.3.3.5	UK	167
10.3.3.5.1	Rising consumption of polyolefin foams in automotive industry to drive market	167
10.3.3.6	Turkey	168
10.3.3.6.1	Presence of key automotive players to drive market	168
10.3.3.7	Russia	169
10.3.3.7.1	Government investments for modernizing and expanding infrastructure to boost demand	169
10.3.3.8	Rest of Europe	170
10.4	NORTH AMERICA	171
10.4.1	NORTH AMERICA POLYMER FOAM MARKET, BY RESIN TYPE	173
10.4.2	NORTH AMERICA POLYMER FOAM MARKET, BY END-USE INDUSTRY	174
10.4.3	NORTH AMERICA POLYMER FOAM MARKET, BY COUNTRY	175
10.4.3.1	US	176
10.4.3.1.1	Growth of housing projects to drive market	176
10.4.3.2	Mexico	177
10.4.3.2.1	Expanding construction sector to drive polymer foam market	177
10.4.3.3	Canada	179
10.4.3.3.1	State-of-the-art manufacturing facilities and excellent infrastructure to provide growth opportunities	179

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10.5	MIDDLE EAST & AFRICA	180
10.5.1	MIDDLE EAST & AFRICA POLYMER FOAM MARKET, BY RESIN TYPE	181
10.5.2	MIDDLE EAST & AFRICA POLYMER FOAM MARKET, BY END-USE INDUSTRY	182
10.5.3	MIDDLE EAST & AFRICA POLYMER FOAM MARKET, BY COUNTRY	183
10.5.3.1	GCC	184
10.5.3.1.1	Saudi Arabia	185
10.5.3.1.1.1	Increased local car sales to drive demand for polymer foams	185
10.5.3.1.2	UAE	186
10.5.3.1.2.1	Building of new resorts, shopping malls, and other ongoing projects to boost market	186
10.5.3.1.3	Rest of GCC	187
10.5.3.2	South Africa	188
10.5.3.2.1	Growth of various manufacturing industries to drive market	188
10.5.3.3	Rest of middle east & Africa	189
10.6	SOUTH AMERICA	191
10.6.1	SOUTH AMERICA POLYMER FOAM MARKET, BY RESIN TYPE	191
10.6.2	SOUTH AMERICA POLYMER FOAM MARKET, BY END-USE INDUSTRY	193
10.6.3	SOUTH AMERICA POLYMER FOAM MARKET, BY COUNTRY	194
10.6.3.1	Brazil	195
10.6.3.1.1	Expansion of production capacity and proximity to major South American countries to drive market	195
10.6.3.2	Argentina	196
10.6.3.2.1	Growing automobile sector to drive market	196
10.6.3.3	Chile	197
10.6.3.3.1	Government investment in end-use industries to drive demand for polymer foams	197
10.6.3.4	Rest of South America	199
?		
11	COMPETITIVE LANDSCAPE	201
11.1	INTRODUCTION	201
11.2	KEY PLAYERS' STRATEGIES/RIGHT TO WIN	201
11.3	REVENUE ANALYSIS	203
11.4	MARKET SHARE ANALYSIS	204
11.5	BRAND/PRODUCT COMPARISON ANALYSIS	207
11.6	COMPANY EVALUATION MATRIX: KEY PLAYERS, 2023	208
11.6.1	STARS	208
11.6.2	EMERGING LEADERS	208
11.6.3	PERVASIVE PLAYERS	208
11.6.4	PARTICIPANTS	208
11.6.5	COMPANY FOOTPRINT: KEY PLAYERS, 2023	210
11.6.5.1	Company footprint	210
11.6.5.2	Resin type footprint	211
11.6.5.3	Foam type footprint	211
11.6.5.4	Region footprint	212
11.7	COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2023	212
11.7.1	PROGRESSIVE COMPANIES	212
11.7.2	RESPONSIVE COMPANIES	212
11.7.3	DYNAMIC COMPANIES	212
11.7.4	STARTING BLOCKS	212
11.7.5	COMPETITIVE BENCHMARKING: STARTUPS/SMES, 2023	214

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11.8	VALUATION AND FINANCIAL METRICS	216
11.9	COMPETITIVE SCENARIO AND TRENDS	217
11.9.1	PRODUCT LAUNCHES	217
11.9.2	DEALS	218
11.9.3	EXPANSIONS	218
12	COMPANY PROFILES	219
12.1	KEY PLAYERS	219
12.1.1	ARMACELL	219
12.1.1.1	Business overview	219
12.1.1.2	Products/Solutions/Services offered	220
12.1.1.3	Recent developments	224
12.1.1.3.1	Deals	224
12.1.1.4	MnM view	225
12.1.1.4.1	Key strengths	225
12.1.1.4.2	Strategic choices	225
12.1.1.4.3	Weaknesses and competitive threats	226
12.1.2	SHEELA FOAM LIMITED	227
12.1.2.1	Business overview	227
12.1.2.2	Products/Solutions/Services offered	228
12.1.2.3	MnM view	233
12.1.2.3.1	Key strengths	233
12.1.2.3.2	Strategic choices	233
12.1.2.3.3	Weakness and competitive threats	233
12.1.3	KINGSPAN INSULATION, LLC	234
12.1.3.1	Business overview	234
12.1.3.2	Products/Solutions/Services offered	235
12.1.3.3	Recent developments	236
12.1.3.3.1	Deals	236
12.1.3.4	MnM view	236
12.1.3.4.1	Key strengths	236
12.1.3.4.2	Strategic choices	236
12.1.3.4.3	Weaknesses and competitive threats	236
12.1.4	OWENS CORNING	237
12.1.4.1	Business overview	237
12.1.4.2	Products/Solutions/Services offered	238
12.1.4.3	Recent developments	239
12.1.4.3.1	Product launches	239
12.1.4.3.2	Deals	240
12.1.4.4	MnM view	240
12.1.4.4.1	Key strengths	240
12.1.4.4.2	Strategic choices	240
12.1.4.4.3	Weaknesses and competitive threats	241
12.1.5	ZOTEFOAMS PLC	242
12.1.5.1	Business overview	242
12.1.5.2	Products/Solutions/Services offered	244
12.1.5.3	Recent developments	244
12.1.5.3.1	Product launches	244

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12.1.5.3.2	Deals	245
12.1.5.3.3	Expansions	246
12.1.5.4	MnM view	246
12.1.5.4.1	Key strengths	246
12.1.5.4.2	Strategic choices	246
12.1.5.4.3	Weaknesses and competitive threats	246
12.1.6	SAINT-GOBAIN	247
12.1.6.1	Business overview	247
12.1.6.2	Products/Solutions/Services offered	247
12.1.6.3	Recent developments	248
12.1.6.3.1	Deals	248
?		
12.1.7	DURA FOAM INDUSTRIES PVT. LTD.	250
12.1.7.1	Business overview	250
12.1.7.2	Products/Solutions/Services offered	250
12.1.8	FXI	251
12.1.8.1	Business overview	251
12.1.8.2	Products/Solutions/Services offered	252
12.1.8.3	Recent developments	253
12.1.8.3.1	Deals	253
12.1.9	AEROFLEX USA, INC.	254
12.1.9.1	Business overview	254
12.1.9.2	Products/Solutions/Services offered	255
12.1.9.3	Recent developments	256
12.1.9.3.1	Product launches	256
12.1.10	DUROFLEX FOAM	257
12.1.10.1	Business overview	257
12.1.10.2	Products/Solutions/Services offered	257
12.2	OTHER PLAYERS	259
12.2.1	WOODBRIIDGE	259
12.2.2	UFP TECHNOLOGIES, INC.	260
12.2.3	CARPENTER CO.	261
12.2.4	TORAY INDUSTRIES, INC.	262
12.2.5	BOYD	263
12.2.6	VITA (HOLDINGS) LIMITED	264
12.2.7	TROCELLEN	265
12.2.8	LAPUR GMBH	266
12.2.9	JOY FOAM	267
12.2.10	MEGAFLEX SCHAUMSTOFF GMBH	268
12.2.11	SAFAS	269
12.2.12	ORGANIKA S.A.	270
12.2.13	IKANO INDUSTRY	271
12.2.14	KING KOIL INDIA	272
12.2.15	NEVEON HOLDING GMBH	273
13	ADJACENT & RELATED MARKETS	274
13.1	INTRODUCTION	274
13.2	LIMITATIONS	274

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- 13.3 POLYURETHANE FOAM MARKET 274
  - 13.3.1 MARKET DEFINITION 274
  - 13.3.2 MARKET OVERVIEW 275
  - 13.3.3 POLYURETHANE FOAM MARKET, BY REGION 275
  - ?
  - 13.4 INSULATION PRODUCTS MARKET 276
    - 13.4.1 INTRODUCTION 276
    - 13.4.2 THERMAL INSULATION 277
      - 13.4.2.1 Rising demand in green buildings to drive market 277
    - 13.4.3 ACOUSTIC & OTHER INSULATION 278
      - 13.4.3.1 Improved standard of living and rise in infrastructural activities to drive market 278
- 14 APPENDIX 280
  - 14.1 DISCUSSION GUIDE 280
  - 14.2 KNOWLEDGESTORE: MARKETSDMARKETS' SUBSCRIPTION PORTAL 283
  - 14.3 CUSTOMIZATION OPTIONS 285
  - 14.4 RELATED REPORTS 285
  - 14.5 AUTHOR DETAILS 287

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