

Advanced Elastomers Market by Type (Thermoplastic Elastomers, Silicon Elastomers), Application (Insulations, Implants), End-Use Industry (Medical, Industrial, Aerospace & Defense), Region- Global Forecast to 2029

Market Report | 2024-12-11 | 247 pages | MarketsandMarkets

AVAILABLE LICENSES:

- Single User \$4950.00
- Multi User \$6650.00
- Corporate License \$8150.00
- Enterprise Site License \$10000.00

Report description:

The Advanced elastomers market size is projected to grow from USD 6.0 billion in 2024 to USD 7.8 billion by 2029, registering a CAGR of 5.3% during the forecast period. The growth in the market for advanced elastomers is attributed to a number of factors. Technological innovations that improve the quality and functionality of a material make advanced elastomers more attractive for different kinds of applications. Rising demand for light yet solid materials in the industrial manufacturing, medical, and aerospace & defense sectors is a key driver. This will give a stable rise to the advanced elastomers market since industries strive to be increasingly sustainable and effective.

" Implants accounted for the second largest share in application segment of Advanced elastomers market in terms of value."

The second-largest application segment of advanced elastomers is that of implants, mainly due to the critical role these materials play in medical devices and healthcare. Advanced elastomers are used in the manufacture of implants, with silicone and TPEs primarily considered for use in implants due to their excellent biocompatibility, flexibility, and durability. It is readily tolerable by these materials under adverse conditions of the human body, such as high temperature ranges, mechanical stress, and various body fluids, without degradation or adverse reaction. One major factor for the impressive market share of implants is the growing demand for medical procedures and devices that use long-lasting and reliable materials. Medical implants, like orthopedic implants, pacemakers, and stents, are much in demand owing to the rise in the aging population of the world and a resulting increase in chronic diseases.

"Medical accounted for the second largest share in end-use industry segment of Advanced elastomers market in terms of value."

The medical sector is the second-largest end-use industry segment in the advanced elastomers market because it includes materials able to withstand strict requirements regarding their use in healthcare applications. Advanced elastomers have been widely used in medical applications since they are biocompatible, flexible in nature, and resistant to multiple types of sterilization

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

methods, which are perfect for a great many devices and other applications connected with medicine. These are used to fabricate surgery instruments and tubing, catheters, implants, and prosthetic devices in which smooth operations. One of the primary reasons that the medical field is such a large marketplace for engineered elastomers is that there is a real need from medical equipment for durable, high-quality materials. Particularly, the development of medical devices that are both safe and effective becomes almost an imperative, especially since global tendencies show an increase in aging populations and the prevalence of chronic diseases.

"Silicon elastomers accounted for the second largest share in type segment of Advanced elastomers market in terms of value." This is the second-largest type segment of the advanced elastomers market, as it is this unique combination of properties that has made silicone-based elastomers greatly indispensable in a wide range of industries. Silicone elastomers are highly valued for their high level of thermal stability, outstanding flexibility, and excellent resistance to extreme temperatures, chemicals, and UV radiation. These characteristics make them especially applicable for use in very demanding applications where other materials would fail. In that respect, they are vastly applied in industries such as healthcare, automotive, and electronics. In the healthcare industry, silicone elastomers find wide application due to their biocompatibility—they do not cause an adverse reaction with human tissue. This bestows them with the quality needed for medical devices such as implants, prosthetics, and tubing. The features of sterilization, without loss of properties, back up the safety and efficiency of medical devices.

"Asia Pacific is the largest market for Advanced elastomers."

strong manufacturing bases for many industries such as electronics, industry, and medical act as drivers of Asia Pacific's leadership in the market of advanced elastomers. This region is a leading producer of consumer electronics, whereby advanced elastomers find an application in insulation, sealing, and vibration damping. rapid growth in the construction sector, driven by rapid urbanization and infrastructure development in developing economies such as India and China, will probably boost demand for the market. Besides, low production costs, easy availability of raw materials, and skilled labor force have made it a favorite destination for multinational companies to set up bases for the manufacture of advanced elastomers. The region hosts some of the global and regional key players, and heavy investments in research and development have ensured constant innovation in elastomer technologies, further broadening their scope of applications.

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 Advanced elastomers market, and information was gathered from secondary research to determine and verify the market size of several segments.

-□By Company Type: Tier 1 - 40%, Tier 2 - 30%, and Tier 3 - 30%

-□By Designation: C Level Executives- 20%, Directors - 10%, and Others - 70%

-□By Region: North America - 30%, Europe - 20%, APAC - 30%, the Middle East & Africa -10%, and South America- 10%

The Advanced elastomers market comprises major players BASF SE (Germany), Celanese Corporation (Switzerland), Elkem ASA (Waltham), DuPont (US), Wacker Chemie AG (Germany), AGC Inc. (Japan), Mitsui Chemicals, Inc. (Japan), DAIKIN INDUSTRIES, Ltd. (Japan), Avient Corporation (US), Arkema (France), and Dow (US). The study includes in-depth competitive analysis of these key players in the Advanced elastomers market, with their company profiles, recent developments, and key market strategies.

Research Coverage

This report segments the market for Advanced elastomers market on the basis of types, applications, end-use industries, and region, and provides estimations for the overall value of the market across various regions. A detailed analysis of key industry players has been conducted to provide insights into their business overviews, products & services, key strategies, and expansions associated with the market for Advanced elastomers market.

Key benefits of buying this report

This research report is focused on various levels of analysis industry analysis (industry trends), market ranking analysis of top players, and company profiles, which together provide an overall view of the competitive landscape; emerging and high-growth segments of the Advanced elastomers market; high-growth regions; and market drivers, restraints, opportunities, and challenges. The report provides insights on the following pointers:

-□Analysis of drivers: (Increased automation in manufacturing drives demand for advanced elastomers in high-performance seals, gaskets, and hoses in robotics and machinery), restraints (The dependence on petroleum-based feedstocks exposes the market to fluctuations in crude oil prices, affecting cost stability), opportunities (Advancements in Recycling Technologies), and challenges

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

(Developing bio-based elastomers with performance characteristics equivalent to synthetic counterparts remains a significant technical hurdle) influencing the growth of Advanced elastomers market.

-□Market Penetration: Comprehensive information on the Advanced elastomers market offered by top players in the global Advanced elastomers market.

-□Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, in the Advanced elastomers market.

-□Market Development: Comprehensive information about lucrative emerging markets the report analyzes the markets for Advanced elastomers market across regions.

-□Market Capacity: Production capacities of companies producing Advanced elastomers are provided wherever available with upcoming capacities for the Advanced elastomers market.

-□Competitive Assessment: In-depth assessment of market shares, strategies, products, and manufacturing capabilities of leading players in the Advanced elastomers market.

Table of Contents:

1	INTRODUCTION	25
1.1	STUDY OBJECTIVES	25
1.2	MARKET DEFINITION	25
1.3	STUDY SCOPE	26
1.3.1	MARKETS COVERED	26
1.3.2	YEARS CONSIDERED	27
1.3.3	INCLUSIONS AND EXCLUSIONS	27
1.3.4	CURRENCY CONSIDERED	28
1.3.5	UNITS CONSIDERED	28
1.4	LIMITATIONS	28
1.5	STAKEHOLDERS	28
2	RESEARCH METHODOLOGY	29
2.1	RESEARCH DATA	29
2.1.1	SECONDARY DATA	30
2.1.1.1	Key data from secondary sources	30
2.1.2	PRIMARY DATA	31
2.1.2.1	Key data from primary sources	31
2.1.2.2	Key primary sources	32
2.1.2.3	Key participants for primary interviews	32
2.1.2.4	Breakdown of primaries	33
2.1.2.5	Key industry insights	33
2.2	BASE NUMBER CALCULATION	34
2.2.1	SUPPLY-SIDE ANALYSIS	34
2.2.2	DEMAND-SIDE ANALYSIS	34
2.3	FORECAST	34
2.3.1	SUPPLY SIDE	34
2.3.2	DEMAND SIDE	35
2.4	MARKET SIZE ESTIMATION	35
2.4.1	BOTTOM-UP APPROACH	36
2.4.2	TOP-DOWN APPROACH	36
2.5	DATA TRIANGULATION	37
2.6	RESEARCH ASSUMPTIONS	38
2.7	GROWTH FORECAST	38

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

2.8	RISK ASSESSMENT	39
2.9	FACTOR ANALYSIS	39
3	EXECUTIVE SUMMARY	40
4	PREMIUM INSIGHTS	43
4.1	ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN ADVANCED ELASTOMERS MARKET	43
4.2	ADVANCED ELASTOMERS MARKET, BY TYPE	43
4.3	ADVANCED ELASTOMERS MARKET, BY COUNTRY	44
5	MARKET OVERVIEW	45
5.1	INTRODUCTION	45
5.2	MARKET DYNAMICS	45
5.2.1	DRIVERS	46
5.2.1.1	Growing demand for advanced elastomers with excellent biocompatibility and sterilization properties due to advancements in medical devices	46
5.2.1.2	Increasing demand for advanced elastomers due to advancements in recycling technologies	46
5.2.2	RESTRAINTS	47
5.2.2.1	Lack of standardized grades and specifications related to advanced elastomers	47
5.2.3	OPPORTUNITIES	47
5.2.3.1	Development of advanced elastomers suitable for 3D printing	47
5.2.3.2	Innovations in polymer chemistry - development of nanocomposites and hybrid materials	48
5.2.4	CHALLENGES	48
5.2.4.1	High production cost, complex manufacturing processes, and need for specialized equipment and expertise	48
5.2.4.2	Development of bio-based elastomers with performance characteristics equivalent to synthetic counterparts	48
5.3	IMPACT OF AI/GENERATIVE AI ON ADVANCED ELASTOMERS MARKET	49
5.3.1	INTRODUCTION	49
6	INDUSTRY TRENDS	52
6.1	INTRODUCTION	52
6.2	TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS	52
6.3	SUPPLY CHAIN ANALYSIS	53
6.4	INVESTMENT AND FUNDING SCENARIO	55
6.5	PRICING ANALYSIS	56
6.5.1	AVERAGE SELLING PRICE TREND, BY REGION	56
6.5.2	AVERAGE SELLING PRICE TREND, BY TYPE	57
6.5.3	AVERAGE SELLING PRICE TREND OF KEY PLAYERS, BY TYPE	57
6.6	ECOSYSTEM ANALYSIS	58
6.7	TECHNOLOGY ANALYSIS	60
6.7.1	KEY TECHNOLOGIES	60
6.7.2	COMPLEMENTARY TECHNOLOGIES	60
6.7.3	ADJACENT TECHNOLOGIES	61
?		
6.8	PATENT ANALYSIS	61
6.8.1	METHODOLOGY	62
6.8.2	GRANTED PATENTS	62
6.8.3	PATENT PUBLICATION TRENDS	62
6.8.4	INSIGHTS	63
6.8.5	LEGAL STATUS	63
6.8.6	JURISDICTION ANALYSIS	64
6.8.7	TOP APPLICANTS	65

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

6.9	TRADE ANALYSIS	69
6.9.1	IMPORT SCENARIO (HS CODES 390469 AND 39100090)	69
6.9.2	EXPORT SCENARIO (HS CODES 390469 AND 39100090)	71
6.10	KEY CONFERENCES AND EVENTS, 2024-2025	72
6.11	TARIFFS, STANDARDS, AND REGULATORY LANDSCAPE	72
6.11.1	TARIFF ANALYSIS	72
6.11.2	REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	74
6.11.3	STANDARDS	77
6.12	PORTER'S FIVE FORCES ANALYSIS	78
6.12.1	THREAT OF NEW ENTRANTS	79
6.12.2	THREAT OF SUBSTITUTES	80
6.12.3	BARGAINING POWER OF SUPPLIERS	80
6.12.4	BARGAINING POWER OF BUYERS	80
6.12.5	INTENSITY OF COMPETITIVE RIVALRY	80
6.13	KEY STAKEHOLDERS AND BUYING CRITERIA	81
6.13.1	KEY STAKEHOLDERS IN BUYING PROCESS	81
6.13.2	BUYING CRITERIA	82
6.14	MACROECONOMIC OUTLOOK	83
6.14.1	GDP TRENDS AND FORECASTS, BY COUNTRY	83
6.15	CASE STUDY ANALYSIS	84
6.15.1	INNOVATIVE DUAL-DYNAMIC NETWORK DESIGN IN ADVANCED ELASTOMERS: ACHIEVING HIGH PERFORMANCE AND SELF-HEALING CAPABILITIES	84
6.15.2	TRANSFORMATIVE ROLE OF THERMOPLASTIC ELASTOMERS IN MODERN MANUFACTURING: EFFICIENCY, SUSTAINABILITY, AND INNOVATION	85
6.15.3	ENSURING RELIABILITY IN EXTREME ENVIRONMENTS: ADVANCED ELASTOMERS FOR DEEPWATER OIL EXPLORATION	86
7	ADVANCED ELASTOMERS MARKET, BY TYPE	87
7.1	INTRODUCTION	88
7.2	THERMOPLASTIC ELASTOMERS (TPES)	90
7.2.1	RISING DEMAND FOR FLEXIBLE AND RECYCLABLE MATERIALS IN VARIOUS INDUSTRIES TO DRIVE MARKET	90
7.3	SILICON ELASTOMERS	90
7.3.1	HIGH PERFORMANCE IN EXTREME CONDITIONS AND EXCEPTIONAL THERMAL STABILITY TO DRIVE DEMAND	90
7.4	FLUORINATED ELASTOMERS	91
7.4.1	ABILITY TO WITHSTAND EXTENDED EXPOSURE TO HARSH ENVIRONMENTS WITHOUT COMPROMISING PERFORMANCE TO FUEL DEMAND	91
7.5	ETHYLENE PROPYLENE DIENE MONOMERS (EPDM)	91
7.5.1	ABILITY TO RESIST CRACKING, SHRINKING, AND SECURING LONGEVITY IN HARSH ENVIRONMENTAL CONDITIONS TO DRIVE DEMAND	91
7.6	OTHER TYPES	92
7.6.1	POLYURETHANE ELASTOMERS	92
7.6.2	EPICHLOROHYDRIN ELASTOMERS (ECO)	92
8	ADVANCED ELASTOMERS MARKET, BY APPLICATION	93
8.1	INTRODUCTION	94
8.2	INSULATION	95
8.2.1	ABILITY TO BOOST THERMAL AND ELECTRICAL EFFICIENCY IN INSULATION APPLICATIONS TO DRIVE DEMAND	95
8.3	IMPLANTS	96
8.3.1	USE TO EXTEND OPERATIONAL LIFE AND ENHANCE FUNCTIONALITY OF MEDICAL IMPLANTS TO DRIVE MARKET	96
8.4	FLEXIBLE CIRCUITS	96

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.4.1 HIGH ADOPTION IN DESIGNING AND OPERATION OF FLEXIBLE CIRCUITS TO PROPEL MARKET 96
- 8.5 CONNECTORS 97
- 8.5.1 ABILITY TO ENSURE RELIABLE AND RESILIENT CONNECTIONS IN CRITICAL SYSTEMS TO FUEL DEMAND 97
- 8.6 OTHER APPLICATIONS 98
- 8.6.1 SEALS AND GASKETS 98
- 8.6.2 CONVEYOR SYSTEMS 98
- 9 ADVANCED ELASTOMERS MARKET, BY END USE 99
- 9.1 INTRODUCTION 100
- 9.2 INDUSTRIAL 101
- 9.2.1 GROWING ADOPTION TO REVOLUTIONIZE HEAVY-DUTY MANUFACTURING TO DRIVE MARKET 101
- 9.3 AEROSPACE & DEFENSE 102
- 9.3.1 RISING USE TO ENSURE HIGH PERFORMANCE, SAFETY, AND DEPENDABILITY OF MISSION-CRITICAL EQUIPMENT TO FUEL MARKET GROWTH 102
- 9.4 MEDICAL 102
- 9.4.1 OPTIMIZATION OF MEDICAL DEVICES USING ADVANCED ELASTOMERS FOR SUPERIOR FUNCTIONALITY AND SAFETY TO DRIVE DEMAND 102
- 9.5 ELECTRONICS & ELECTRICAL 103
- 9.5.1 EXCELLENT ELECTRICAL INSULATION, FLEXIBILITY, THERMAL STABILITY, AND RESISTANCE TO MOISTURE, CHEMICALS, AND ULTRAVIOLET RADIATION TO DRIVE DEMAND 103
- ?
- 9.6 OTHER END USES 104
- 9.6.1 TEXTILES 104
- 9.6.2 MOBILITY & TRANSPORTATION 104
- 10 ADVANCED ELASTOMERS MARKET, BY REGION 105
- 10.1 INTRODUCTION 106
- 10.2 ASIA PACIFIC 111
- 10.2.1 CHINA 117
- 10.2.1.1 Transformation into global manufacturing hub to drive demand 117
- 10.2.2 JAPAN 118
- 10.2.2.1 Technological advancements and rising use of advanced elastomers in electronics and aerospace industries to drive market 118
- 10.2.3 INDIA 119
- 10.2.3.1 Rapid industrialization and expansion of manufacturing sector to drive demand 119
- 10.2.4 SOUTH KOREA 120
- 10.2.4.1 Increased investments in R&D for advanced materials to drive market 120
- 10.2.5 REST OF ASIA PACIFIC 121
- 10.3 NORTH AMERICA 122
- 10.3.1 US 128
- 10.3.1.1 Expanding medical and pharmaceutical industries to fuel demand 128
- 10.3.2 CANADA 129
- 10.3.2.1 Rising focus on advanced manufacturing technologies and research in elastomer applications to drive market 129
- 10.3.3 MEXICO 130
- 10.3.3.1 Emergence as manufacturing hub to drive demand 130
- 10.4 EUROPE 131
- 10.4.1 GERMANY 137
- 10.4.1.1 Increased emphasis on innovation and performance in automotive sector to fuel demand 137
- 10.4.2 ITALY 138

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

10.4.2.1	Rising demand for high-quality, durable materials in manufacturing of luxury products to propel demand	138
10.4.3	FRANCE	139
10.4.3.1	Increasing demand for advanced elastomers in aerospace industry to drive market	139
10.4.4	UK	140
10.4.4.1	High emphasis on high-quality standards and compliance in healthcare and automobile applications to propel demand	140
10.4.5	SPAIN	141
10.4.5.1	High focus on sustainability and environmental protection to fuel demand	141
	?	
10.4.6	RUSSIA	142
10.4.6.1	Rising applications of advanced elastomers in industrial sector and aerospace industry to drive market	142
10.4.7	REST OF EUROPE	143
10.5	MIDDLE EAST & AFRICA	144
10.5.1	GCC COUNTRIES	145
10.5.1.1	Saudi Arabia	150
10.5.1.1.1	Development of new industrial technologies and smart infrastructure to drive market	150
10.5.1.2	UAE	151
10.5.1.2.1	Economic diversification and easy access to raw materials to fuel market growth	151
10.5.1.3	Rest of GCC countries	152
10.5.2	SOUTH AFRICA	153
10.5.2.1	Expanding healthcare sector and rising focus on local manufacturing and exports to drive market	153
10.5.3	REST OF MIDDLE EAST & AFRICA	154
10.6	SOUTH AMERICA	155
10.6.1	ARGENTINA	159
10.6.1.1	Development of advanced electronics technologies to drive demand	159
10.6.2	BRAZIL	160
10.6.2.1	High availability of raw materials and rising demand for medical devices to propel market	160
10.6.3	REST OF SOUTH AMERICA	161
11	COMPETITIVE LANDSCAPE	163
11.1	OVERVIEW	163
11.2	KEY PLAYER STRATEGIES/RIGHT TO WIN	163
11.3	MARKET SHARE ANALYSIS, 2023	166
11.3.1	CELANESE CORPORATION	167
11.3.2	BASF	167
11.3.3	AGC INC.	168
11.3.4	MITSUI CHEMICALS, INC.	168
11.3.5	WACKER CHEMIE AG	168
11.4	REVENUE ANALYSIS, 2020-2024	169
11.5	COMPANY EVALUATION MATRIX: KEY PLAYERS, 2023	169
11.5.1	STARS	170
11.5.2	EMERGING LEADERS	170
11.5.3	PERVASIVE PLAYERS	170
11.5.4	PARTICIPANTS	170
	?	
11.5.5	COMPANY FOOTPRINT: KEY PLAYERS, 2023	172
11.5.5.1	Company footprint	172
11.5.5.2	Type footprint	173
11.5.5.3	Application footprint	173

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

11.5.5.4	End use footprint	174
11.5.5.5	Region footprint	174
11.6	COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2023	175
11.6.1	PROGRESSIVE COMPANIES	175
11.6.2	RESPONSIVE COMPANIES	175
11.6.3	DYNAMIC COMPANIES	175
11.6.4	STARTING BLOCKS	175
11.6.5	COMPETITIVE BENCHMARKING: STARTUPS/SMES, 2023	177
11.6.5.1	Detailed list of key startups/SMEs	177
11.6.5.2	Competitive benchmarking of key startups/SMEs	178
11.7	BRAND/PRODUCT COMPARISON	179
11.7.1	ELASTOSIL?	179
11.7.2	MILASTOMER?	179
11.7.3	SANTOPRENE?	180
11.7.4	ELASTOLLAN?	180
11.7.5	AFLAS?	180
11.8	COMPANY VALUATION AND FINANCIAL METRICS	180
11.9	COMPETITIVE SCENARIOS	181
11.9.1	PRODUCT LAUNCHES	181
11.9.2	EXPANSIONS	183
11.9.3	DEALS	184
12	COMPANY PROFILES	186
12.1	KEY PLAYERS	186
12.1.1	DOW	186
12.1.1.1	Business overview	186
12.1.1.2	Products/Solutions/Services offered	187
12.1.1.3	Recent developments	188
12.1.1.3.1	Product launches	188
12.1.1.3.2	Others	188
12.1.1.4	MnM view	189
12.1.1.4.1	Key strengths/Right to win	189
12.1.1.4.2	Strategic choices	189
12.1.1.4.3	Weaknesses/Competitive threats	189
?		
12.1.2	WACKER CHEMIE AG	190
12.1.2.1	Business overview	190
12.1.2.2	Products/Solutions/Services offered	191
12.1.2.3	Recent developments	192
12.1.2.3.1	Expansions	192
12.1.2.4	MnM view	192
12.1.2.4.1	Key strengths/Right to win	192
12.1.2.4.2	Strategic choices	192
12.1.2.4.3	Weaknesses/Competitive threats	192
12.1.3	MITSUI CHEMICALS, INC.	193
12.1.3.1	Business overview	193
12.1.3.2	Products/Solutions/Services offered	194
12.1.3.3	Recent developments	194

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

12.1.3.3.1	Product launches	194
12.1.3.3.2	Others	194
12.1.3.4	MnM view	195
12.1.3.4.1	Key strengths/Right to win	195
12.1.3.4.2	Strategic choices	195
12.1.3.4.3	Weaknesses/Competitive threats	195
12.1.4	CELANESE CORPORATION	196
12.1.4.1	Business overview	196
12.1.4.2	Products/Solutions/Services offered	197
12.1.4.3	Recent developments	198
12.1.4.3.1	Deals	198
12.1.4.4	MnM view	199
12.1.4.4.1	Key strengths/Right to win	199
12.1.4.4.2	Strategic choices	199
12.1.4.4.3	Weaknesses/Competitive threats	199
12.1.5	ARKEMA	200
12.1.5.1	Business overview	200
12.1.5.2	Products/Solutions/Services offered	201
12.1.5.3	Recent developments	202
12.1.5.3.1	Expansions	202
12.1.5.3.2	Others	202
12.1.5.4	MnM view	202
12.1.5.4.1	Key strengths/Right to win	202
12.1.5.4.2	Strategic choices	203
12.1.5.4.3	Weaknesses/Competitive threats	203
?		
12.1.6	DUPONT	204
12.1.6.1	Business overview	204
12.1.6.2	Products/Solutions/Services offered	205
12.1.6.3	Recent developments	206
12.1.6.3.1	Deals	206
12.1.6.3.2	Expansions	206
12.1.6.3.3	Others	207
12.1.6.4	MnM view	207
12.1.6.4.1	Key strengths/Right to win	207
12.1.6.4.2	Strategic choices	207
12.1.6.4.3	Weaknesses/Competitive threats	207
12.1.7	BASF	208
12.1.7.1	Business overview	208
12.1.7.2	Products/Solutions/Services offered	209
12.1.7.3	Recent developments	210
12.1.7.3.1	Deals	210
12.1.7.3.2	Expansions	210
12.1.7.3.3	Others	210
12.1.7.4	MnM view	210
12.1.7.4.1	Key strengths/Right to win	210
12.1.7.4.2	Strategic choices	211

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 12.1.7.4.3 Weaknesses/Competitive threats 211
- 12.1.8 AGC INC. 212
 - 12.1.8.1 Business overview 212
 - 12.1.8.2 Products/Solutions/Services offered 213
 - 12.1.8.3 Recent developments 214
 - 12.1.8.3.1 Expansions 214
 - 12.1.8.3.2 MnM view 214
 - 12.1.8.3.3 Key strengths/Right to win 214
 - 12.1.8.3.4 Strategic choices 214
 - 12.1.8.3.5 Weaknesses/Competitive threats 215
- 12.1.9 AVIENT CORPORATION 216
 - 12.1.9.1 Business overview 216
 - 12.1.9.2 Products/Solutions/Services offered 217
 - 12.1.9.3 Recent developments 218
 - 12.1.9.3.1 Product launches 218
 - 12.1.9.3.2 Others 219
 - 12.1.9.4 MnM view 219
 - 12.1.9.4.1 Key strengths/Right to win 219
 - 12.1.9.4.2 Strategic choices 219
 - 12.1.9.4.3 Weaknesses/Competitive threats 219
- 12.1.10 DAIKIN INDUSTRIES, LTD. 220
 - 12.1.10.1 Business overview 220
 - 12.1.10.2 Products/Solutions/Services offered 221
 - 12.1.10.3 MnM view 221
 - 12.1.10.3.1 Key strengths/Right to win 221
 - 12.1.10.3.2 Strategic choices 221
 - 12.1.10.3.3 Weaknesses/Competitive threats 221
- 12.1.11 ELKEM ASA 222
 - 12.1.11.1 Business overview 222
 - 12.1.11.2 Products/Solutions/Services offered 223
 - 12.1.11.3 Recent developments 223
 - 12.1.11.3.1 Deals 223
 - 12.1.11.3.2 Expansions 223
 - 12.1.11.4 MnM view 224
 - 12.1.11.4.1 Key strengths/Right to win 224
 - 12.1.11.4.2 Strategic choices 224
 - 12.1.11.4.3 Weaknesses/Competitive threats 224
- 12.2 OTHER PLAYERS 225
 - 12.2.1 MOMENTIVE PERFORMANCE MATERIALS 225
 - 12.2.2 RADO GUMMI GMBH 226
 - 12.2.3 AURORA MATERIAL SOLUTIONS 227
 - 12.2.4 BRP MANUFACTURING 228
 - 12.2.5 STAR THERMOPLASTIC ALLOYS & RUBBERS, LLC 229
 - 12.2.6 ELASTRON TPE 230
 - 12.2.7 RTP COMPANY 231
 - 12.2.8 AMERICHEM 232

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

12.2.9	STOCKWELL ELASTOMERICS	233
12.2.10	NANJING SISIB SILICONES CO., LTD.	234
12.2.11	LOPIGOM S.P.A.	235
12.2.12	CABOT CORPORATION	236
12.2.13	FUSION-POLYMER	237
12.2.14	KRAIBURG TPE	238
12.2.15	ARLANXEO	239
13	APPENDIX	240
13.1	DISCUSSION GUIDE	240
13.2	KNOWLEDGESTORE: MARKETSDMARKETS' SUBSCRIPTION PORTAL	243
13.3	CUSTOMIZATION OPTIONS	245
13.4	RELATED REPORTS	245
13.5	AUTHOR DETAILS	246

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Advanced Elastomers Market by Type (Thermoplastic Elastomers, Silicon Elastomers), Application (Insulations, Implants), End-Use Industry (Medical, Industrial, Aerospace & Defense), Region- Global Forecast to 2029

Market Report | 2024-12-11 | 247 pages | MarketsandMarkets

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User	\$4950.00
	Multi User	\$6650.00
	Corporate License	\$8150.00
	Enterprise Site License	\$10000.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Date

2026-03-04

Signature

A large, empty rectangular box intended for a signature.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com