

## **Cast Elastomers - Company Evaluation Report, 2025**

Market Report | 2025-08-01 | 114 pages | MarketsandMarkets

### **AVAILABLE LICENSES:**

- Single User \$2650.00
- Corporate License \$4250.00

### **Report description:**

The Cast Elastomers Companies Quadrant is a comprehensive industry analysis that provides valuable insights into the global market for Cast Elastomers. This quadrant offers a detailed evaluation of key market players, technological advancements, product innovations, and emerging trends shaping the industry. MarketsandMarkets 360 Quadrants evaluated over 100 companies, of which the Top 10 Cast Elastomers Companies were categorized and recognized as quadrant leaders.

The cast elastomers market represents a dynamic and consistently expanding segment within the broader polyurethane and elastomer industry. This growth is fueled by the rising demand for high-performance, durable, and customizable materials across a wide range of end-use industries. Cast elastomers are created through a chemical reaction between polyols and isocyanates, resulting in materials known for their excellent abrasion resistance, mechanical strength, elasticity, and resistance to oils, solvents, and extreme environmental conditions. These characteristics make them well-suited for applications in sectors such as mining, oil & gas, automotive, industrial manufacturing, construction, and healthcare. The market is generally divided into hot and cold cast elastomers, with hot cast variants holding a larger market share due to their enhanced mechanical performance and extended service life.

Cast elastomers are polyurethane-based systems formed by reacting isocyanates, polyols, and chain extenders. These polymeric materials serve as a bridge between elastomers and plastics, offering the performance characteristics of engineering plastics, ceramics, and metals, along with the flexibility and resilience of traditional elastomers. While they are cost-effective, they cannot be melted and reshaped. Known for their durability, cast elastomers are commonly used in casting applications across end-use industries such as mining, oil & gas, industrial, automotive & transportation, agriculture & food processing, and sports.

The 360 Quadrant maps the Cast Elastomers companies based on criteria such as revenue, geographic presence, growth strategies, investments, and sales strategies for the market presence of the Cast Elastomers quadrant. The top criteria for product footprint evaluation included By TYPE (Hot Cast Elastomers, Cold Cast Elastomers), By RAW MATERIAL (Methylene Diphenyl Diisocyanate, Toluene Diisocyanate, Hexamethylene Diisocyanate, Other Raw Materials), By DISTRIBUTION CHANNEL (Direct Sales, Distributors/Wholesalers, Online Platforms), By APPLICATION (Wheels, Rollers, Screens, Seals & Gaskets, Belts & Chains, Scrapers, Pads, Couplings, Machine Components, Other Applications), and By END-USE INDUSTRY (Industrial, Automotive & Transportation, Mining, Oil & Gas, Other End-Use Industries).

Key players in the Cast Elastomers market include major global corporations and specialized innovators such as Dow, Mitsui Chemicals, Inc., TOSOH CORPORATION, Notedome, UBE Corporation, BASF, Huntsman International LLC, Covestro AG, Wanhua, and Era Polymers Pty Ltd. These companies are actively investing in research and development, forming strategic partnerships,

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

and engaging in collaborative initiatives to drive innovation, expand their global footprint, and maintain a competitive edge in this rapidly evolving market.

#### Top 3 Companies

##### BASF

BASF leads the cast elastomers market with a strong emphasis on polyurethane systems. The company's products, like Elastollan TPU, are extensively used in demanding applications across mining, oil & gas, and automotive sectors due to their durability and high abrasion resistance. BASF's global R&D resources drive its innovation in eco-efficient materials, aligning with the increasing demand for sustainable products. The company's expansive reach, coupled with technological expertise, strengthens its position as a market leader.

##### Dow

Dow stands out in the market through its innovation in polyurethane technologies. The company is known for VORASTAR and HYPERLAST solutions, offering materials with high toughness and chemical resistance. These are favored across industrial and energy sectors. Dow's global manufacturing capabilities support customized applications for its clients, and its focus on sustainable practices enhances its market appeal, particularly among eco-conscious industries.

##### Covestro AG

Covestro AG is a prominent player in the polyurethane sector, focusing on sustainable and innovative solutions. Its cast elastomers, part of the Solutions & Specialties segment, cater to a broad range of industries. The company is actively investing in sustainability and regional capacity expansion, reinforcing its competitive edge. Covestro's commitment to product innovation and regional market penetration positions it strongly within the evolving market landscape.

#### **Table of Contents:**

1	INTRODUCTION	11
1.1	MARKET DEFINITION	11
1.2	INCLUSIONS & EXCLUSIONS OF STUDY	11
1.3	STAKEHOLDERS	12
2	EXECUTIVE SUMMARY	13
3	MARKET OVERVIEW	18
3.1	INTRODUCTION	18
3.2	MARKET DYNAMICS	18
3.2.1	DRIVERS	19
3.2.1.1	Increasing demand from automotive, EV, and industrial sectors	19
3.2.1.2	Technological innovations enabling precision and sustainability	19
3.2.1.3	Customization capabilities driving targeted application growth	20
3.2.2	RESTRAINTS	20
3.2.2.1	Health and safety concerns	20
3.2.2.2	Environmental impact and sustainability regulations	21
3.2.3	OPPORTUNITIES	21
3.2.3.1	Rise of biocompatible materials	21
3.2.3.2	Rapid industrialization in developing economies	22
3.2.3.3	Irreplaceability of cast elastomers	22
3.2.4	CHALLENGES	23
3.2.4.1	Precision and expertise required in formulation and processing of cast elastomers	23
3.3	IMPACT OF GENERATIVE AI ON CAST ELASTOMERS MARKET	23
3.3.1	INTRODUCTION	23
3.3.2	IMPACT ON CAST ELASTOMERS MARKET	25
4	INDUSTRY TRENDS	26

**Scotts International. EU Vat number: PL 6772247784**

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

www.scotts-international.com

4.1	INTRODUCTION	26
4.2	TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS	26
4.3	SUPPLY CHAIN ANALYSIS	27
4.3.1	RAW MATERIAL SUPPLIERS	28
4.3.2	CAST ELASTOMER MANUFACTURERS	28
4.3.3	DISTRIBUTORS	28
4.3.4	COMPONENT MANUFACTURERS	28
4.3.5	END USERS	28
4.4	ECOSYSTEM ANALYSIS	29
	?	
4.5	TECHNOLOGY ANALYSIS	30
4.5.1	KEY TECHNOLOGIES	30
4.5.2	COMPLEMENTARY TECHNOLOGIES	31
4.5.3	ADJACENT TECHNOLOGIES	32
4.6	PATENT ANALYSIS	32
4.6.1	METHODOLOGY	32
4.6.2	GRANTED PATENTS	32
4.6.2.1	Publication trends for last 10 years	33
4.6.3	INSIGHTS	33
4.6.4	LEGAL STATUS	34
4.6.5	JURISDICTION ANALYSIS	34
4.6.6	TOP APPLICANTS	35
4.7	PORTER'S FIVE FORCES ANALYSIS	37
4.7.1	BARGAINING POWER OF SUPPLIERS	39
4.7.2	THREAT OF NEW ENTRANTS	39
4.7.3	THREAT OF SUBSTITUTES	39
4.7.4	BARGAINING POWER OF BUYERS	40
4.7.5	INTENSITY OF COMPETITIVE RIVALRY	40
5	COMPETITIVE LANDSCAPE	41
5.1	INTRODUCTION	41
5.2	KEY PLAYER STRATEGIES/RIGHT TO WIN	41
5.3	MARKET SHARE ANALYSIS	43
5.4	REVENUE ANALYSIS	46
5.5	BRAND/PRODUCT COMPARISON	47
5.6	COMPANY EVALUATION MATRIX: KEY PLAYERS, 2024	48
5.6.1	STARS	48
5.6.2	EMERGING LEADERS	48
5.6.3	PERVASIVE PLAYERS	48
5.6.4	PARTICIPANTS	48
5.6.5	COMPANY FOOTPRINT: KEY PLAYERS, 2024	50
5.6.5.1	Company footprint	50
5.6.5.2	Type footprint	51
5.6.5.3	End-use industry footprint	51
5.6.5.4	Raw material footprint	52
5.6.5.5	Region footprint	52
5.7	COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2024	53
5.7.1	PROGRESSIVE COMPANIES	53

**Scotts International. EU Vat number: PL 6772247784**

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

www.scotts-international.com

5.7.2	RESPONSIVE COMPANIES	53
5.7.3	DYNAMIC COMPANIES	53
5.7.4	STARTING BLOCKS	53
	?	
5.7.5	COMPETITIVE BENCHMARKING: STARTUPS/SMES, 2024	55
5.7.5.1	Detailed list of key startups/SMEs	55
5.7.5.2	Competitive benchmarking of key startups/SMEs	56
5.8	COMPANY VALUATION AND FINANCIAL METRICS	58
5.9	COMPETITIVE SCENARIO	59
5.9.1	DEALS	59
5.9.2	EXPANSIONS	60
5.9.3	OTHER DEVELOPMENTS	62
6	COMPANY PROFILES	63
6.1	KEY PLAYERS	63
6.1.1	DOW	63
6.1.1.1	Business overview	63
6.1.1.2	Products offered	64
6.1.1.3	Recent developments	65
6.1.1.3.1	Expansions	65
6.1.1.4	MnM view	65
6.1.1.4.1	Key strengths	65
6.1.1.4.2	Strategic choices	65
6.1.1.4.3	Weaknesses and competitive threats	66
6.1.2	mitsui chemicals, inc.	67
6.1.2.1	Business overview	67
6.1.2.2	Products offered	68
6.1.2.3	MnM view	69
6.1.2.3.1	Key strengths	69
6.1.2.3.2	Strategic choices	69
6.1.2.3.3	Weaknesses and competitive threats	69
6.1.3	TOSOH CORPORATION	70
6.1.3.1	Business overview	70
6.1.3.2	Products offered	71
6.1.3.3	Recent developments	72
6.1.3.3.1	Expansions	72
6.1.3.4	MnM view	72
6.1.3.4.1	Key strengths	72
6.1.3.4.2	Strategic choices	73
6.1.3.4.3	Weaknesses and competitive threats	73
6.1.4	NOTEDOME	74
6.1.4.1	Business overview	74
6.1.4.2	Products offered	75
6.1.4.3	MnM view	76
6.1.4.3.1	Key strengths	76
6.1.4.3.2	Strategic choices	76
6.1.4.3.3	Weaknesses and competitive threats	76
6.1.5	UBE CORPORATION	77

**Scotts International. EU Vat number: PL 6772247784**

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

www.scotts-international.com

- 6.1.5.1 Business overview 77
- 6.1.5.2 Products offered 78
- 6.1.5.3 Recent developments 79
  - 6.1.5.3.1 Deals 79
- 6.1.5.4 MnM view 79
  - 6.1.5.4.1 Key strengths 79
  - 6.1.5.4.2 Strategic choices 79
  - 6.1.5.4.3 Weaknesses and competitive threats 80
- 6.1.6 BASF 81
  - 6.1.6.1 Business overview 81
  - 6.1.6.2 Products offered 82
  - 6.1.6.3 Recent developments 83
    - 6.1.6.3.1 Expansions 83
    - 6.1.6.3.2 Other developments 83
  - 6.1.6.4 MnM view 84
    - 6.1.6.4.1 Key strengths 84
    - 6.1.6.4.2 Strategic choices 84
    - 6.1.6.4.3 Weaknesses and competitive threats 84
- 6.1.7 HUNTSMAN INTERNATIONAL LLC 85
  - 6.1.7.1 Business overview 85
  - 6.1.7.2 Products offered 86
  - 6.1.7.3 Recent developments 87
    - 6.1.7.3.1 Deals 87
    - 6.1.7.3.2 Other developments 87
  - 6.1.7.4 MnM view 87
    - 6.1.7.4.1 Key strengths 87
    - 6.1.7.4.2 Strategic choices 88
    - 6.1.7.4.3 Weaknesses and competitive threats 88
- 6.1.8 COVESTRO AG 89
  - 6.1.8.1 Business overview 89
  - 6.1.8.2 Products offered 90
  - 6.1.8.3 Recent developments 91
    - 6.1.8.3.1 Expansions 91
    - 6.1.8.3.2 Other developments 91
  - 6.1.8.4 MnM view 92
    - 6.1.8.4.1 Key strengths 92
    - 6.1.8.4.2 Strategic choices 92
    - 6.1.8.4.3 Weaknesses and competitive threats 92
- ?
- 6.1.9 WANHUA 93
  - 6.1.9.1 Business overview 93
  - 6.1.9.2 Products offered 94
  - 6.1.9.3 Recent developments 95
    - 6.1.9.3.1 Deals 95
    - 6.1.9.3.2 Other developments 95
  - 6.1.9.4 MnM view 96
    - 6.1.9.4.1 Key strengths 96

**Scotts International. EU Vat number: PL 6772247784**

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

www.scotts-international.com

6.1.9.4.2	Strategic choices	96
6.1.9.4.3	Weaknesses and competitive threats	96
6.1.10	ERA POLYMERS PTY LTD	97
6.1.10.1	Business overview	97
6.1.10.2	Products offered	97
6.1.10.3	MnM view	98
6.1.10.3.1	Key strengths	98
6.1.10.3.2	Strategic choices	98
6.1.10.3.3	Weakness and competitive threats	98
6.2	OTHER PLAYERS	99
6.2.1	ALCHIMICA S.A.	99
6.2.2	CARLISLE POLYURETHANE SYSTEMS	99
6.2.3	CHEMLINE, INC.	100
6.2.4	COIM GROUP	100
6.2.5	HERIKON B.V.	101
6.2.6	JAYANTILAL J. GANDHI CHEMICALS PVT. LTD.	101
6.2.7	LUC GROUP	102
6.2.8	POLYCOAT PRODUCTS	102
6.2.9	RECKLI	103
6.2.10	SAPICI S.P.A.	103
6.2.11	SIKA ADVANCED RESINS	104
6.2.12	SYNTHESIA TECHNOLOGY GROUP	104
6.2.13	TAIWAN PU CORPORATION	105
6.2.14	TSE INDUSTRIES	105
6.2.15	VCM POLYURETHANES	106
7	APPENDIX	107
7.1	RESEARCH METHODOLOGY	107
7.1.1	RESEARCH DATA	107
7.1.1.1	Secondary data	108
7.1.1.2	Primary data	108
7.1.2	RISK ASSESSMENT	110
7.2	COMPANY EVALUATION MATRIX: METHODOLOGY	111
7.3	AUTHOR DETAILS	114

**Scotts International. EU Vat number: PL 6772247784**

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

www.scotts-international.com

**Cast Elastomers - Company Evaluation Report, 2025**

Market Report | 2025-08-01 | 114 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	\$2650.00
	Corporate License	\$4250.00
		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"/>
		Date	<input type="text" value="2026-03-06"/>
		Signature	<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