

Polybutene Market Research Report by Grade (Extrusion, Injection Molding, Extrusion Blow Molding), by Application (Chewing Gum, Masterbatches, Sealants, Adhesives, Plastic Packaging, Piping Systems, Others), and by Region (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Forecast till 2035

Market Report | 2025-09-02 | 189 pages | Market Research Future

AVAILABLE LICENSES:

- Single User Price \$4950.00
- Enterprisewide Price \$5950.00
- \$7250.00

Report description:

Polybutene Market Research Report by Grade (Extrusion, Injection Molding, Extrusion Blow Molding), by Application (Chewing Gum, Masterbatches, Sealants, Adhesives, Plastic Packaging, Piping Systems, Others), and by Region (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Forecast till 2035

Market Overview

The global polybutene market is valued at USD 1,785.4 Million in 2024 and is projected to grow at a CAGR of 5.1% from 2025 to 2035. Polybutene (PB) is a synthetic polymer made from the polymerization of butene, a type of olefin. It is a clear, viscous liquid or solid that is chemically stable, non-drying, and resistant to oxidation. PB is widely used in lubricants, adhesives, sealants, fuel additives, and as a plasticizer in various applications.

The global Polybutene (PB-1) market is significantly influenced by the increasing demand for plumbing and piping systems. PB-1 has been a technological benchmark for hot and cold water installations as it has a proven operational history for over five decades in Europe and Asia. Its excellent durability, thermal stability, and resistance to corrosion and scaling have made it a preferred choice for residential and commercial infrastructure. The market is also expanding at a rapid pace due to the increasing use of PB-1 in countries like Germany, the UK, Japan, and South Korea.

Key Company Development

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Through acquiring the US Gulf business of CNOOC Energy, INEOS Energy has expanded its global production to over 90,000 barrels of oil equivalent per day. It is the company's third significant investment in the U.S. within the last three years, following the LNG deal with Sempra for 1.4 million tonnes per annum in 2022 and the acquisition of Chesapeake Energy's South Texas assets in 2023, which has allowed the company to deepen its offshore and onshore energy portfolio.

Major Players

Major competitors in the global polybutene market are Ylem Technology, Soltex, Lyondellbasell, Daelim, INEOS, Kothari Petrochemicals, ENEOS Corporation, KEMAT, Dowpol Chemical InternationalCorp, and Mitsui Chemicals.

Report Attribute Details

- Market Size 2024: USD 1,785.4 Million
- CAGR (2025-2035): 5.1%
- Base Year: 2024
- Market Forecast Period: 2025-2035

Market Segmentations

- By Grade: Extrusion - 4.8%, Injection Molding - 3.8%.
- By Application: Chewing Gum - 4.3%, Masterbatches - 6.4%.

Regional Insights

The North American market contributed 27% of the global revenue in 2024 and was largely driven by the demand for adhesives, lubricants, and advanced piping systems. The U.S. has the biggest regional market, it is the main beneficiary of the high construction activities. In 2024, the North American market is dominated by the U.S. at USD 293.6 Million, followed by Canada at USD 141.1 Million, reflecting strong regional demand.

Europe has a market share of about 15%, largely supported by quality and safety regulations in construction and packaging. Germany, Italy, and France, where polybutene is extensively used for sustainable piping and adhesives, are the leading markets. - Germany leads Europe with USD 49.3 Million, while France and the UK contribute USD 23.3 Million and USD 20.3 Million, respectively, highlighting steady market growth.

In 2024, the Asia-Pacific region leads the world market and holds almost a 50 percent share, with China, India, Japan, and South Korea at the forefront. The region's growth has been driven by the rapid urbanization, expansion of infrastructure, and the high demand for packaging materials. China and Japan represent the APAC market with USD 166.8 Million and USD 98.2 Million, respectively, showcasing significant investment and consumption in the region.

Latin America accounts for about 5% of the market, with Brazil being the largest contributor. Growth is driven by packaging, adhesives, and piping applications, though demand remains uneven due to economic volatility. Increasing construction projects and investments in modern plumbing systems are gradually strengthening polybutene adoption.

MEA holds about 3.7% of global revenue, with GCC countries and South Africa as leading consumers. The region benefits from infrastructure investments, particularly in piping and sealant applications. However, market penetration remains limited due to low awareness and higher dependence on imports.

Table of Contents:

TABLE OF CONTENTS	
1 EXECUTIVE SUMMARY	19
2 MARKET INTRODUCTION	. 25
2.1 DEFINITION	. 25
2.2 SCOPE OF THE STUDY	. 25
2.3 RESEARCH OBJECTIVE	. 25
2.4 MARKET STRUCTURE	. 26

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

3 RESEARCH METHODOLOGY	. 27
3.1 OVERVIEW	27
3.2 DATA FLOW	. 29
3.2.1 DATA MINING PROCESS	. 30
3.3 PURCHASED DATABASE:	. 31
3.4 SECONDARY SOURCES:	. 32
3.4.1 SECONDARY RESEARCH DATA FLOW:	. 33
3.5 PRIMARY RESEARCH:	. 34
3.5.1 PRIMARY RESEARCH DATA FLOW:	35
3.5.2 PRIMARY RESEARCH: NUMBER OF INTERVIEWS CONDUCTED	. 36
3.5.3 PRIMARY RESEARCH: REGIONAL COVERAGE	36
3.6 APPROACHES FOR MARKET SIZE ESTIMATION:	37
3.6.1 CONSUMPTION & NET TRADE APPROACH	. 37
3.6.2 REVENUE ANALYSIS APPROACH	37
3.7 DATA FORECASTING	. 38
3.7.1 DATA FORECASTING TECHNIQUE	38
3.8 DATA MODELING	. 39
3.8.1 MICROECONOMIC FACTOR ANALYSIS:	39
3.8.2 DATA MODELING:	. 40
3.9 TEAMS AND ANALYST CONTRIBUTION	. 41
4 MARKET DYNAMICS	44
4.1 INTRODUCTION	. 44
4.2 DRIVERS	45
4.2.1 GROWING DEMAND FROM PLUMBING & PIPING SYSTEMS	. 45
4.2.2 EXPANDING USE IN ADHESIVES & SEALANTS	. 48
4.3 RESTRAINTS	. 51
4.3.1 LOW HEAT AND UV RESISTANCE	51
4.3.2 HIGH RAW MATERIAL COSTS	52
4.4 OPPORTUNITY	. 53
4.4.1 RISE IN FLEXIBLE PACKAGING APPLICATIONS	. 53
4.4.2 INCREASING USE OF MASTERBATCH	. 55
5 MARKET FACTOR ANALYSIS	. 57
5.1 SUPPLY/VALUE CHAIN ANALYSIS	. 57
5.1.1 RAW MATERIALS SUPPLIERS	. 57
5.1.1.1 FEEDSTOCK SELECTION & PROCUREMENT	57
5.1.1.2 QUALITY AND PURITY STANDARDS	. 58
5.1.2 MANUFACTURERS	58
5.1.2.1 PROCESSING & PRODUCTION	58
5.1.2.2 PRODUCT DEVELOPMENT AND INNOVATION	. 61
5.1.3 DISTRIBUTORS	. 62
5.1.3.1 LOGISTICS	62
5.1.3.2 SALES AND MARKETING STRATEGIES	62
5.1.4 END-USERS	62
5.1.4.1 CUSTOMER NEEDS, PREFERENCES, PAIN POINTS & APPLICATIONS	. 62
5.2 PORTER'S FIVE FORCES MODEL	. 64
5.2.1 THREAT OF NEW ENTRANTS	64
5.2.2 THREAT OF SUBSTITUTES	65

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

5.2.3 BARGAINING POWER OF SUPPLIERS	65
5.2.4 BARGAINING POWER OF BUYERS	65
5.2.5 INTENSITY OF RIVALRY	. 66
5.3 GLOBAL POLYBUTENE MARKET PRICING ANALYSIS	. 66
5.3.1 GLOBAL POLYBUTENE MARKET PRICING ANALYSIS, BY REGION 2019-2035 (USD/TON)	. 66
5.3.2 PRICING DRIVERS	66
5.4 REGULATORY FRAMEWORK	67
5.5 TECHNOLOGICAL ADVANCEMENTS IN THE GLOBAL POLYBUTENE MARKET	67
5.5.1 ENHANCED POLYMERIZATION TECHNIQUES	. 67
5.5.2 RECYCLING AND SUSTAINABILITY	68
5.6 SUPPLY-DEMAND ANALYSIS BY REGION (2019-2035) (KILO TONS)	69
5.7 PRODUCTION ANALYSIS	. 69
5.7.1 PRODUCTION PROCESS	69
5.7.1.1 FEEDSTOCK PREPARATION	69
5.7.1.2 POLYMERIZATION	. 70
5.7.1.3 POST-POLYMERIZATION TREATMENT	70
5.7.1.4 FORMULATION AND PROCESSING	. 71
5.7.1.5 QUALITY CONTROL	. 71
5.7.2 GLOBAL PRODUCTION ANALYSIS, BY REGION (KILO TONS)	. 72
5.8 BROAD LEVEL GAP ANALYSIS TO UNDERSTAND UNTAPPED AREAS	. 72
5.8.1 BASED ON GRADE	. 72
5.8.2 BASED ON APPLICATION	74
5.9 RESEARCH AND DEVELOPMENT UPDATE	. 74
5.9.1 CURRENT SCENARIO	74
5.9.2 FUTURE ROADMAP	75
5.9.3 CHALLENGES	75
5.9.4 NOVEL APPLICATIONS	. 76
5.9.5 KEY DEVELOPMENTS	. 77
6 GLOBAL POLYBUTENE MARKET, BY GRADE	79
6.1 INTRODUCTION	. 79
6.1.1 EXTRUSION GRADE	. 80
6.1.2 INJECTION MOLDING GRADE	. 80
6.1.3 EXTRUSION BLOW MOLDING	81
7 GLOBAL POLYBUTENE MARKET, BY APPLICATION	. 82
7.1 INTRODUCTION	. 82
7.1.1 CHEWING GUM	. 83
7.1.2 MASTERBATCHES	. 84
7.1.3 SEALANTS	. 84
7.1.4 ADHESIVES	. 84
7.1.5 PLASTIC PACKAGING	85
7.1.6 PIPING SYSTEMS	. 85
7.1.7 OTHERS	85
8 GLOBAL POLYBUTENE MARKET, BY REGION	87
8.1 INTRODUCTION	. 87
8.2 NORTH AMERICA	88
8.2.1 US	. 90
8.2.2 CANADA	. 92

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

8.2.3	93
8.2.4 MEXICO	. 94
8.3 EUROPE	. 96
8.3.1 GERMANY	. 98
8.3.2 UK	100
8.3.3 FRANCE	. 102
8.3.4 RUSSIA	104
8.3.5 SPAIN	. 105
8.3.6 ITALY	107
8.3.7 FINLAND	. 108
8.3.8 POLAND	. 110
8.3.9 REST OF EUROPE	. 111
8.4 APAC	. 113
8.4.1 CHINA	115
8.4.2 JAPAN	. 117
8.4.3 INDIA	. 119
8.4.4 SOUTH KOREA	. 120
8.4.5 MALAYSIA	. 122
8.4.6 THAILAND	. 124
8.4.7 INDONESIA	125
8.4.8 REST OF ASIA PACIFIC	127
8.5 SOUTH AMERICA	130
8.5.1 BRAZIL	. 132
8.5.2 ARGENTINA	134
8.5.3 REST OF SOUTH AMERICA	. 136
8.6 MEA	. 137
8.6.1 GCC COUNTRIES	139
8.6.2 SOUTH AFRICA	. 141
8.6.3 REST OF THE MIDDLE EAST & AFRICA	. 142
9 COMPETITIVE LANDSCAPE	144
9.1 INTRODUCTION	. 144
9.2 COMPETITION DASHBOARD	144
9.3 MARKET SHARE ANALYSIS, 2024	145
9.4 COMPETITIVE BENCHMARKING	. 146
9.5 COMPARATIVE ANALYSIS: KEY PLAYERS FINANCIAL	. 147
9.6 KEY DEVELOPMENTS & GROWTH STRATEGIES	. 147
9.6.1 BUSINESS PARTNERSHIP	147
9.6.2 ACQUISITION	148
10 COMPANY PROFILES	151
10.1 YLEM TECHNOLOGY	. 151
10.1.1 COMPANY OVERVIEW	. 151
10.1.2 FINANCIAL OVERVIEW	. 152
10.1.3 PRODUCTS OFFERED	. 152
10.1.4 KEY DEVELOPMENTS	152
10.1.5 SWOT ANALYSIS	. 153
10.1.6 KEY STRATEGY	. 153
10.2 SOLTEX	. 154

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

10.2.1 COMPANY OVERVIEW	. 154
10.2.2 FINANCIAL OVERVIEW	. 155
10.2.3 PRODUCTS OFFERED	. 155
10.2.4 KEY DEVELOPMENTS	155
10.2.5 SWOT ANALYSIS	. 156
10.2.6 KEY STRATEGY	. 157
10.3 LYONDELLBASELL INDUSTRIES	. 158
10.3.1 COMPANY OVERVIEW	. 158
10.3.2 FINANCIAL OVERVIEW	. 159
10.3.3 PRODUCTS OFFERED	159
10.3.4 KEY DEVELOPMENTS	160
10.3.5 SWOT ANALYSIS	. 161
10.3.6 KEY STRATEGY	. 162
10.4 DAELIM	. 163
10.4.1 COMPANY OVERVIEW	. 163
10.4.2 FINANCIAL OVERVIEW	. 164
10.4.3 PRODUCTS OFFERED	. 164
10.4.4 KEY DEVELOPMENTS	165
10.4.5 SWOT ANALYSIS	. 165
10.4.6 KEY STRATEGY	. 166
10.5 INEOS	167
10.5.1 COMPANY OVERVIEW	. 167
10.5.2 FINANCIAL OVERVIEW	. 168
10.5.3 PRODUCTS OFFERED	. 168
10.5.4 KEY DEVELOPMENTS	169
10.5.5 SWOT ANALYSIS	. 170
10.5.6 KEY STRATEGY	. 170
10.6 KOTHARI PETROCHEMICALS	. 171
10.6.1 COMPANY OVERVIEW	. 171
10.6.2 FINANCIAL OVERVIEW	. 172
10.6.3 PRODUCTS OFFERED	. 172
10.6.4 KEY DEVELOPMENTS	172
10.6.5 SWOT ANALYSIS	. 173
10.6.6 KEY STRATEGY	. 173
10.7 ENEOS CORPORATION	. 174
10.7.1 COMPANY OVERVIEW	. 174
10.7.2 FINANCIAL OVERVIEW	. 175
10.7.3 PRODUCTS OFFERED	. 175
10.7.4 KEY DEVELOPMENTS	175
10.7.5 SWOT ANALYSIS	. 176
10.7.6 KEY STRATEGY	. 176
10.8 KEMAT	177
10.8.1 COMPANY OVERVIEW	. 177
10.8.2 FINANCIAL OVERVIEW	. 178
10.8.3 PRODUCTS OFFERED	. 178
10.8.4 KEY DEVELOPMENTS	179
10.8.5 SWOT ANALYSIS	. 179

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

10.8.6 KEY STRATEGY	. 180
10.9 DOWPOL CHEMICAL INTERNATIONAL CORP	. 181
10.9.1 COMPANY OVERVIEW	. 181
10.9.2 FINANCIAL OVERVIEW	. 182
10.9.3 PRODUCTS OFFERED	. 182
10.9.4 KEY DEVELOPMENTS	182
10.9.5 SWOT ANALYSIS	. 183
10.9.6 KEY STRATEGY	. 183
10.10 MITSUI CHEMICALS	184
10.10.1 COMPANY OVERVIEW	. 184
10.10.2 FINANCIAL OVERVIEW	. 185
10.10.3 PRODUCTS OFFERED	. 185
10.10.4 KEY DEVELOPMENTS	185
10.10.5 SWOT ANALYSIS	. 186
10.10.6 KEY STRATEGY	. 186
10.11 DATA CITATIONS	187

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Polybutene Market Research Report by Grade (Extrusion, Injection Molding, Extrusion Blow Molding), by Application (Chewing Gum, Masterbatches, Sealants, Adhesives, Plastic Packaging, Piping Systems, Others), and by Region (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Forecast till 2035

Market Report | 2025-09-02 | 189 pages | Market Research Future

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 Price	\$4950.00
	Enterprisewide Price	\$5950.00
		\$7250.00
		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"/>

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-03"/>
		Signature	<input type="text"/>