

Global Plastic Compounding Market - Industry Trends and Forecast to 2030

Market Report | 2023-02-01 | 915 pages | Data Bridge Market Research

AVAILABLE LICENSES:

- Single User License \$4800.00
- Corporate Users License \$7000.00

Report description:

Global plastic compounding market is projected to register an 4.9% CAGR in the forecast period of 2023 to 2030. The new market report contains data for the historic years 2021, the base year of calculation is 2022, and the forecast period is 2023 to 2030.

Market Segmentation:

Global Plastic Compounding Market, By Product Type (Polyethylene (PE), Polypropylene (PP), Thermoplastic Vulcanizates, Thermoplastic Polyolefins, Poly Vinyl Chloride, Polystyrene, Polyethylene Terephthalate (PET), Poly-Butylene Terephthalate (PBT), Polyamide (PA), Polycarbonate, Acrylonitrile Butadiene Styrene And Others), Source (Fossil-Based, Bio-Based And Recycled), Additive Type (Fillers, Anti-Oxidants, Colorants, UV Stabilizers, Reinforcement Agents, Flame-Retardants, Anti-Foaming Agents, Oxygen Scavengers, Blowing Agents And Others), Manufacturing Process (Injection Molding, Extrusion And Others), Application (Automotive, Building & Construction, Packaging, Electrical & Electronics, Medical, Optical Media, Consumer Goods, Industrial Machinery, Textiles And Others), Geography (Germany, Italy, France, U.K, Spain, Russia, Switzerland, Turkey, Belgium, Netherlands, Luxemburg, Slovenia, and Rest of Europe), Industry Trends and Forecast 2030.

Some of the major factors contributing to the growth of the global plastic compounding market:

- Shifting Preference Towards The Adoption Of Lightweight Materials For Production Of Automotive Parts
- Growing Demand Of Plastic Compounding In Electric Vehicles And Light Weight Vehicles

Market Players:

Some of the key players operating in the global plastic compounding market are:

- DuPont
- BASF SE
- Dow
- Arkema
- KURARAY CO., LTD.
- Adell Plastic Inc.

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- Asahi Kasei Corporation
- RTP Company
- Ravago
- LyondellBasell Industries Holdings B.V (A Subsidiary of LyondellBasell)
- KRATON CORPORATION. (A Subsidiary of DL Chemical Co., Ltd.)
- PolyVisions
- Akro-Plastic GmbH
- Aurora Plastics LLC
- Exxon Mobil Corporation
- DSM
- SABIC
- Celanese Corporation
- LANXESS
- INEOS

Table of Contents:

TABLE OF CONTENTS

1 INTRODUCTION 72

1.1 OBJECTIVES OF THE STUDY 72

1.2 MARKET DEFINITION 72

1.3 OVERVIEW OF THE GLOBAL PLASTIC COMPOUNDING MARKET 72

1.4 LIMITATION 75

1.5 MARKETS COVERED 75

2 MARKET SEGMENTATION 84

2.1 MARKETS COVERED 84

2.2 GEOGRAPHICAL SCOPE 85

2.3 YEARS CONSIDERED FOR THE STUDY 86

2.4 CURRENCY AND PRICING 86

2.5 DBMR TRIPOD DATA VALIDATION MODEL 87

2.6 PRODUCT TYPE LIFE LINE CURVE 90

2.7 MULTIVARIATE MODELING 91

2.8 PRIMARY INTERVIEWS WITH KEY OPINION LEADERS 92

2.9 DBMR MARKET POSITION GRID 93

2.10 MARKET APPLICATION COVERAGE GRID 95

2.11 DBMR MARKET CHALLENGE MATRIX 96

2.12 DBMR VENDOR SHARE ANALYSIS 97

2.13 IMPORT-EXPORT DATA 98

2.14 SECONDARY SOURCES 99

2.15 ASSUMPTIONS 100

3 EXECUTIVE SUMMARY 101

4 PREMIUM INSIGHTS 105

4.1 PESTLE ANALYSIS 107

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

4.1.1	POLITICAL FACTORS	107
4.1.2	ECONOMIC FACTORS	107
4.1.3	SOCIAL FACTORS	108
4.1.4	TECHNOLOGICAL FACTORS	108
4.1.5	LEGAL FACTORS	108
4.1.6	ENVIRONMENTAL FACTORS	108
4.2	PORTER'S FIVE FORCES:	109
4.2.1	THE THREAT OF NEW ENTRANTS:	109
4.2.2	THE THREAT OF SUBSTITUTES:	110
4.2.3	CUSTOMER BARGAINING POWER:	110
4.2.4	SUPPLIER BARGAINING POWER:	110
4.2.5	INTERNAL COMPETITION (RIVALRY):	110
4.3	CLIMATE CHANGE SCENARIO	111
4.3.1	ENVIRONMENTAL CONCERNS	111
4.3.2	INDUSTRY RESPONSE	111
4.3.3	GOVERNMENT'S ROLE	111
4.3.4	ANALYST RECOMMENDATION	111
4.4	PRODUCTION CONSUMPTION ANALYSIS- GLOBAL PLASTIC COMPOUNDING MARKET	112
4.5	SUPPLY CHAIN ANALYSIS	114
4.5.1	RAW MATERIAL PROCUREMENT	114
4.5.2	MANUFACTURING AND PACKING	115
4.5.3	MARKETING AND DISTRIBUTION	115
4.5.4	END USERS	115
4.6	TECHNOLOGICAL ADVANCEMENT BY MANUFACTURERS	116
4.7	VENDOR SELECTION CRITERIA	117
4.8	RAW MATERIAL PRODUCTION COVERAGE	119
4.9	DISTRIBUTORS LIST	121
5	REGULATORY FRAMEWORK	123
6	MARKET OVERVIEW	126
6.1	DRIVERS	128
6.1.1	SHIFTING PREFERENCE TOWARD THE ADOPTION OF LIGHTWEIGHT MATERIALS FOR THE PRODUCTION OF AUTOMOTIVE PARTS	128
6.1.2	GROWING ADVANTAGES AND SUPERIOR PHYSICAL PROPERTIES OF PLASTIC COMPOUNDS	129
6.1.3	MULTIPLE AND VARIED APPLICATIONS SCOPE OF PLASTIC COMPOUNDING	130
6.2	RESTRAINTS	131
6.2.1	FLUCTUATIONS OR VOLATILITY IN THE PRICES OF RAW MATERIALS	131
6.2.2	HIGH SUBSTITUTION POTENTIAL FROM ITS BIO-BASED COUNTERPARTS	131
6.3	OPPORTUNITIES	132
6.3.1	SHIFTING PREFERENCE FOR BIO-BASED AND RECYCLED PLASTICS	132
6.3.2	ONGOING DEVELOPMENT IN CATALYST TECHNOLOGIES TO INCREASE THE PERFORMANCE AND YIELD OF PE RESINS	133
6.3.3	GROWING DEMAND FOR PLASTIC COMPOUNDING IN ELECTRIC VEHICLES AND LIGHTWEIGHT VEHICLES	133
6.4	CHALLENGES	134
6.4.1	STRINGENT REGULATIONS IMPOSED ON THE USE OF PLASTIC	134
6.4.2	STRICT ENVIRONMENTAL CONCERNS	134
6.4.3	IMPACT OF THE RUSSIA-UKRAINE CONFLICT	135
7	GLOBAL PLASTIC COMPOUNDING MARKET, BY PRODUCT TYPE	137
7.1	OVERVIEW	138

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 7.2 POLYETHYLENE (PE) 140
- 7.3 POLYPROPYLENE (PP) 141
- 7.4 POLY VINYL CHLORIDE 142
- 7.5 POLYETHYLENE TEREPHTHALATE (PET) 143
- 7.6 THERMOPLASTIC VULCANIZATES 144
- 7.7 POLYCARBONATE 145
- 7.8 THERMOPLASTIC POLYOLEFINS 146
- 7.9 POLYAMIDE (PA) 147
 - 7.9.1 POLYAMIDE (PA), PRODUCT TYPE 148
 - 7.9.1.1 PA6 148
 - 7.9.1.2 PA 66 148
 - 7.9.1.3 PA 46 148
- 7.10 POLYSTYRENE 148
- 7.11 POLY-BUTYLENE TEREPHTHALATE (PBT) 149
- 7.12 ACRYLONITRILE BUTADIENE STYRENE 150
- 7.13 OTHERS 151
- 8 GLOBAL PLASTIC COMPOUNDING MARKET, BY SOURCE 153
 - 8.1 OVERVIEW 154
 - 8.2 FOSSIL-BASED 155
 - 8.3 BIO-BASED 156
 - 8.3.1 BIO-BASED, BY TYPE 157
 - 8.3.1.1 PLA 157
 - 8.3.1.2 PHA 157
 - 8.3.1.3 PHB 157
 - 8.3.1.4 PBAT 157
 - 8.4 RECYCLED 158
- 9 GLOBAL PLASTIC COMPOUNDING MARKET, BY ADDITIVE TYPE 159
 - 9.1 OVERVIEW 160
 - 9.2 ANTI-OXIDANTS 162
 - 9.3 UV STABILIZERS 163
 - 9.4 COLORANTS 164
 - 9.5 BLOWING AGENTS 165
 - 9.6 FLAME-RETARDANTS 166
 - 9.7 REINFORCEMENT AGENTS 167
 - 9.8 FILLERS 168
 - 9.9 ANTI-FOAMING AGENTS 169
 - 9.10 OXYGEN SCAVENGERS 170
 - 9.11 OTHERS 171
- 10 GLOBAL PLASTIC COMPOUNDING MARKET, BY MANUFACTURING PROCESS 172
 - 10.1 OVERVIEW 173
 - 10.2 EXTRUSION 174
 - 10.3 INJECTION MOLDING 175
 - 10.4 OTHERS 176
- 11 GLOBAL PLASTIC COMPOUNDING MARKET, BY APPLICATION 178
 - 11.1 OVERVIEW 179
 - 11.2 AUTOMOTIVE 181
 - 11.2.1 AUTOMOTIVE, BY APPLICATION 182

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 11.2.1.1 HOSES 182
- 11.2.1.2 GASKETS & SLEEVES 182
- 11.2.1.3 FITTING 182
- 11.2.1.4 LIP-SEALS 182
- 11.2.1.5 PETROL TUBES 182
- 11.2.1.6 PROFILES 182
- 11.2.1.7 CO-EXTRUSION STRAP 183
- 11.2.1.8 OTHERS 183
- 11.2.2 AUTOMOTIVE, BY PRODUCT TYPE 183
 - 11.2.2.1 POLYETHYLENE (PE) 183
 - 11.2.2.2 POLYPROPYLENE (PP) 183
 - 11.2.2.3 POLY VINYL CHLORIDE 184
 - 11.2.2.4 POLYETHYLENE TEREPHTHALATE (PET) 184
 - 11.2.2.5 THERMOPLASTIC VULCANIZATES 184
 - 11.2.2.6 POLYCARBONATE 184
 - 11.2.2.7 THERMOPLASTIC POLYOLEFINS 184
 - 11.2.2.8 POLYAMIDE (PA) 184
 - 11.2.2.9 POLYSTYRENE 184
 - 11.2.2.10 POLY-BUTYLENE TEREPHTHALATE (PBT) 184
 - 11.2.2.11 ACRYLONITRILE BUTADIENE STYRENE 184
 - 11.2.2.12 OTHERS 184
- 11.3 BUILDING & CONSTRUCTION 185
 - 11.3.1 BUILDING & CONSTRUCTION, BY APPLICATION 186
 - 11.3.1.1 PIPE AND FITTING 186
 - 11.3.1.2 PROFILES AND TUBES 186
 - 11.3.1.3 FLOORING 186
 - 11.3.1.4 WINDOW FRAMES 186
 - 11.3.1.5 WIRES & CABLES 186
 - 11.3.1.6 WEATHER STRIPPING 186
 - 11.3.1.7 FILMS & SHEET 187
 - 11.3.1.8 OTHERS 187
 - 11.3.2 BUILDING & CONSTRUCTION, BY PRODUCT TYPE 187
 - 11.3.2.1 POLYETHYLENE (PE) 187
 - 11.3.2.2 POLYPROPYLENE (PP) 187
 - 11.3.2.3 POLY VINYL CHLORIDE 188
 - 11.3.2.4 POLYETHYLENE TEREPHTHALATE (PET) 188
 - 11.3.2.5 THERMOPLASTIC VULCANIZATES 188
 - 11.3.2.6 POLYCARBONATE 188
 - 11.3.2.7 THERMOPLASTIC POLYOLEFINS 188
 - 11.3.2.8 POLYAMIDE (PA) 188
 - 11.3.2.9 POLYSTYRENE 188
 - 11.3.2.10 POLY-BUTYLENE TEREPHTHALATE (PBT) 188
 - 11.3.2.11 ACRYLONITRILE BUTADIENE STYRENE 188
 - 11.3.2.12 OTHERS 188
- 11.4 PACKAGING 189
 - 11.4.1 PACKAGING, BY APPLICATION 190
 - 11.4.1.1 BOTTLES 190

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 11.4.1.2 BOXES 190
- 11.4.1.3 CAPS 190
- 11.4.1.4 BLISTER PACKAGING 190
- 11.4.1.5 OTHERS 190
- 11.4.2 PACKAGING, BY PRODUCT TYPE 191
 - 11.4.2.1 POLYETHYLENE (PE) 191
 - 11.4.2.2 POLYPROPYLENE (PP) 191
 - 11.4.2.3 POLY VINYL CHLORIDE 191
 - 11.4.2.4 POLYETHYLENE TEREPHTHALATE (PET) 191
 - 11.4.2.5 THERMOPLASTIC VULCANIZATES 192
 - 11.4.2.6 POLYCARBONATE 192
 - 11.4.2.7 THERMOPLASTIC POLYOLEFINS 192
 - 11.4.2.8 POLYAMIDE (PA) 192
 - 11.4.2.9 POLYSTYRENE 192
 - 11.4.2.10 POLY-BUTYLENE TEREPHTHALATE (PBT) 192
 - 11.4.2.11 ACRYLONITRILE BUTADIENE STYRENE 192
 - 11.4.2.12 OTHERS 192
- 11.5 ELECTRICAL & ELECTRONICS 192
 - 11.5.1 ELECTRICAL & ELECTRONICS, BY PRODUCT TYPE 193
 - 11.5.1.1 POLYETHYLENE (PE) 194
 - 11.5.1.2 POLYPROPYLENE (PP) 194
 - 11.5.1.3 POLY VINYL CHLORIDE 194
 - 11.5.1.4 POLYETHYLENE TEREPHTHALATE (PET) 194
 - 11.5.1.5 THERMOPLASTIC VULCANIZATES 194
 - 11.5.1.6 POLYCARBONATE 195
 - 11.5.1.7 THERMOPLASTIC POLYOLEFINS 195
 - 11.5.1.8 POLYAMIDE (PA) 195
 - 11.5.1.9 POLYSTYRENE 195
 - 11.5.1.10 POLY-BUTYLENE TEREPHTHALATE (PBT) 195
 - 11.5.1.11 ACRYLONITRILE BUTADIENE STYRENE 195
 - 11.5.1.12 OTHERS 195
 - 11.5.2 MEDICAL 195
 - 11.5.2.1 MEDICAL, BY PRODUCT TYPE 197
 - 11.5.2.2 POLYETHYLENE (PE) 197
 - 11.5.2.3 POLYPROPYLENE (PP) 197
 - 11.5.2.4 POLY VINYL CHLORIDE 197
 - 11.5.2.5 POLYETHYLENE TEREPHTHALATE (PET) 197
 - 11.5.2.6 THERMOPLASTIC VULCANIZATES 198
 - 11.5.2.7 POLYCARBONATE 198
 - 11.5.2.8 THERMOPLASTIC POLYOLEFINS 198
 - 11.5.2.9 POLYAMIDE (PA) 198
 - 11.5.2.10 POLYSTYRENE 198
 - 11.5.2.11 POLY-BUTYLENE TEREPHTHALATE (PBT) 198
 - 11.5.2.12 ACRYLONITRILE BUTADIENE STYRENE 198
 - 11.5.2.13 OTHERS 198
 - 11.5.3 MEDICAL, BY APPLICATION 198
 - 11.5.3.1 OXYGEN MASKS 199

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 11.5.3.2 BLOOD BAGS 199
- 11.5.3.3 URINE BAGS 199
- 11.5.3.4 GLUCOSE BAGS 199
- 11.5.3.5 DISPOSABLE TUBES 199
- 11.5.3.6 IV TUBES 199
- 11.5.3.7 REGULATORS 199
- 11.5.3.8 OTHERS 200
- 11.5.4 CONSUMER GOODS 200
 - 11.5.4.1 GARDEN HOSE PIPES 201
 - 11.5.4.2 TOYS 201
 - 11.5.4.3 LUGGAGE 201
 - 11.5.4.4 NOVELTIES 201
 - 11.5.4.5 HANDBAGS 201
 - 11.5.4.6 FOOTWEAR 201
 - 11.5.4.7 OTHERS 201
- 11.5.5 CONSUMER GOODS, BY PRODUCT TYPE 202
 - 11.5.5.1 POLYETHYLENE (PE) 202
 - 11.5.5.2 POLYPROPYLENE (PP) 202
 - 11.5.5.3 POLY VINYL CHLORIDE 202
 - 11.5.5.4 POLYETHYLENE TEREPHTHALATE (PET) 202
 - 11.5.5.5 THERMOPLASTIC VULCANIZATES 203
 - 11.5.5.6 POLYCARBONATE 203
 - 11.5.5.7 THERMOPLASTIC POLYOLEFINS 203
 - 11.5.5.8 POLYAMIDE (PA) 203
 - 11.5.5.9 POLYSTYRENE 203
 - 11.5.5.10 POLY-BUTYLENE TEREPHTHALATE (PBT) 203
 - 11.5.5.11 ACRYLONITRILE BUTADIENE STYRENE 203
 - 11.5.5.12 OTHERS 203
- 11.5.6 INDUSTRIAL MACHINERY 203
 - 11.5.6.1 POLYETHYLENE (PE) 205
 - 11.5.6.2 POLYPROPYLENE (PP) 205
 - 11.5.6.3 POLY VINYL CHLORIDE 205
 - 11.5.6.4 POLYETHYLENE TEREPHTHALATE (PET) 205
 - 11.5.6.5 THERMOPLASTIC VULCANIZATES 205
 - 11.5.6.6 POLYCARBONATE 206
 - 11.5.6.7 THERMOPLASTIC POLYOLEFINS 206
 - 11.5.6.8 POLYAMIDE (PA) 206
 - 11.5.6.9 POLYSTYRENE 206
 - 11.5.6.10 POLY-BUTYLENE TEREPHTHALATE (PBT) 206
 - 11.5.6.11 ACRYLONITRILE BUTADIENE STYRENE 206
 - 11.5.6.12 OTHERS 206

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Global Plastic Compounding Market - Industry Trends and Forecast to 2030

Market Report | 2023-02-01 | 915 pages | Data Bridge Market Research

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 License	\$4800.00
	Corporate Users License	\$7000.00
		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="2026-02-23"/>
		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