

North America, Europe & Brazil Plastic Component Market Research Report Forecast to 2030

Market Report | 2023-11-01 | 141 pages | Market Research Future

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- Single User Price \$2950.00
- Enterprisewide Price \$5250.00

Report description:

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Market Overview

In terms of volume, the North America, Europe & Brazil Plastic Component Market is expected to register 2.88% CAGR during the forecast period, 2023 to 2030, and is expected to reach USD 15,868.93 kilo tons in 2030.

One of the primary factors driving the demand for plastic components in the automotive market is the continuous push for weight reduction. With increasing concerns about fuel efficiency and environmental impact, automakers are striving to reduce the weight of vehicles to improve fuel economy and lower emissions. Plastic components, such as reinforced polymers and composites, offer an excellent solution as they are much lighter than traditional materials like metal. Manufacturers can achieve significant weight savings by incorporating plastic components without compromising strength and safety.

Moreover, plastic components offer a wide range of design possibilities. They can be molded into complex shapes and forms, allowing automakers to create unique and aesthetically appealing designs. Plastic also provides excellent color retention and surface finish options, enhancing the visual appeal of vehicles. This design flexibility is crucial in a highly competitive and constantly evolving industry as automakers seek to differentiate their products.

Additionally, plastic components offer advantages in terms of cost and manufacturing efficiency. Plastic materials are generally more affordable than metals, enabling automakers to reduce production costs. The manufacturing process for plastic components is also highly efficient, with shorter production cycles than traditional metal fabrication techniques. This efficiency translates into faster production times and lower overall manufacturing costs, further driving the demand for plastic components in the automotive sector.

Furthermore, plastic components contribute to improved vehicle performance and functionality. They offer excellent resistance to corrosion, moisture, and chemicals, making them highly durable and long-lasting. Plastic parts also provide better insulation, reducing noise, vibration, and harshness levels within the vehicle cabin. These factors create a comfortable and enjoyable driving experience, increasing consumer satisfaction.

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Market Segmentation

Plastic Component Market is segmented based on component, vehicle type, materials and North America, Europe & Brazil. By component, the market is segmented into Engine Cover, Transmission Cover, Intake Air Modules, Oil Pan Modules, Cam Cover Modules, Cluster Panels/ Dashboard, Bumpers, Seating, Wheels and Tires, Doors, Interior & Exterior Trims and Others. Based on vehicle, it is segmented into Tractors, Loaders, Scrapers, Excavators, Combine Harvester, Trucks, Buses, and others. Based on material, it is segmented into Polyvinyl Chloride (PVC), Polyurethane (PU), Polypropylene (PP), Polyethylene (PE), Polyamide (PA), Acrylonitrile-Butadiene-Styrene (ABS), Polycarbonate (PC) and Others. Major regions considered within the market are North America, Europe & Brazil.

Major Players

Some of the key market players are Continental AG, FLEX-N-GATE CORPORATION, ElringKlinger AG, Hartford Technologies, Inc., COMPAGNIE PLASTIC OMNIUM SE., Celanese corporation, BASF SE, Hansen Plastics Corporation, LANXESS, and many more.

Table of Contents:

TABLE OF CONTENTS

1	EXECUTIVE SUMMARY	12
1.1	NORTH-AMERICA, EUROPE & BRAZIL PLASTIC COMPONENT MARKET, COMPONENT TYPE	14
1.2	NORTH-AMERICA, EUROPE & BRAZIL PLASTIC COMPONENT MARKET, VEHICLE TYPE	15
1.3	NORTH-AMERICA, EUROPE & BRAZIL PLASTIC COMPONENT MARKET, MATERIALS	16
1.4	NORTH-AMERICA, EUROPE & BRAZIL PLASTIC COMPONENT MARKET, BY REGION	17
2	MARKET INTRODUCTION	18
2.1	DEFINITION	18
2.2	SCOPE OF THE STUDY	18
2.3	RESEARCH OBJECTIVE	18
2.4	MARKET STRUCTURE	19
2.5	KEY BUYING CRITERIA	19
3	RESEARCH METHODOLOGY	20
3.1	RESEARCH PROCESS	20
3.2	PRIMARY RESEARCH	21
3.3	SECONDARY RESEARCH	22
3.4	MARKET SIZE ESTIMATION	23
3.5	FORECAST MODEL	24
3.6	LIST OF ASSUMPTIONS & LIMITATIONS	25
4	MARKET DYNAMICS	26
4.1	INTRODUCTION	26
4.2	DRIVERS	28
4.2.1	INCREASING DEMAND FOR LIGHTWEIGHT PLASTIC COMPONENTS FOR VEHICLES	28
4.2.2	DESIGN FLEXIBILITY OFFERED BY PLASTIC COMPONENTS WILL AUGMENT ITS MARKET DEMAND	29
4.2.3	DRIVERS IMPACT ANALYSIS	30
4.3	RESTRAINT	30
4.3.1	ENVIRONMENTAL IMPACT AND SAFETY CONCERNS OF PLASTIC USAGE IN AUTOMOTIVE APPLICATIONS	30
4.3.2	RESTRAINT IMPACT ANALYSIS	31
4.4	OPPORTUNITIES	31
4.4.1	COST ADVANTAGES OFFERED BY PLASTIC COMPONENTS WILL CREATE GROWTH OPPORTUNITIES FOR THE PRODUCT	31
4.5	IMPACT OF CORONAVIRUS OUTBREAK ON THE AUTOMOTIVE PLASTIC COMPONENTS MARKET	32
5	MARKET FACTOR ANALYSIS	34

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5.1	SUPPLY/ VALUE CHAIN ANALYSIS	34
5.1.1	RAW MATERIAL PROVIDERS	35
5.1.2	MANUFACTURING	36
5.1.3	DISTRIBUTORS & SALES	37
5.1.4	END USER	37
5.2	PORTER'S FIVE FORCES MODEL	38
5.2.1	THREAT OF NEW ENTRANTS	39
5.2.2	BARGAINING POWER OF SUPPLIERS	39
5.2.3	BARGAINING POWER OF BUYERS	39
5.2.4	THREAT OF SUBSTITUTES	40
5.2.5	INTENSITY OF RIVALRY	40
6	NORTH-AMERICA, EUROPE & BRAZIL PLASTIC COMPONENT MARKET, BY COMPONENT OVERVIEW	41
6.1	NORTH-AMERICA, EUROPE & BRAZIL PLASTIC COMPONENT MARKET ESTIMATES & FORECAST, BY COMPONENT, 2019-2030	43
6.2	NORTH-AMERICA, EUROPE & BRAZIL PLASTIC COMPONENT MARKET ESTIMATES & FORECAST, BY COMPONENT, 2019-2030	44
6.3	ENGINE COVER	44
6.4	TRANSMISSION COVER	45
6.5	INTAKE AIR MODULES	45
6.6	OIL PAN MODULES	46
6.7	CAM COVER MODULES	46
6.8	CLUSTER PANELS	47
6.9	BUMPERS	47
6.10	SEATING	48
6.11	WHEELS AND TIRES	48
6.12	DOORS	49
6.13	OTHERS	49
7	NORTH-AMERICA, EUROPE & BRAZIL PLASTIC COMPONENT MARKET, BY VEHICLE OVERVIEW	50
7.1	NORTH-AMERICA, EUROPE & BRAZIL PLASTIC COMPONENT MARKET ESTIMATES & FORECAST, VEHICLE TYPE, 2019-2030	51
7.2	NORTH-AMERICA, EUROPE & BRAZIL PLASTIC COMPONENT MARKET ESTIMATES & FORECAST, VEHICLE TYPE, 2019-2030	52
7.3	TRACTORS	52
7.4	LOADERS	53
7.5	SCRAPERS	53
7.6	EXCAVATORS	53
7.7	COMBINE HARVESTERS	54
7.8	TRUCKS	54
7.9	BUSES	55
7.10	OTHERS	55
8	NORTH-AMERICA, EUROPE & BRAZIL PLASTIC COMPONENT MARKET, BY MATERIALS OVERVIEW	56
8.1	NORTH-AMERICA, EUROPE & BRAZIL PLASTIC COMPONENT MARKET ESTIMATES & FORECAST, MATERIALS, 2019-2030	57
8.2	NORTH-AMERICA, EUROPE & BRAZIL PLASTIC COMPONENT MARKET ESTIMATES & FORECAST, MATERIALS, 2019-2030	58
8.3	POLYVINYL CHLORIDE	58
8.4	POLYURETHANE (PU)	59

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8.5	POLYPROPYLENE (PP)	59
8.6	POLYETHYLENE (PE)	59
8.7	POLYAMIDE (PA)	60
8.8	ACRYLONITRILE-BUTADIENE-STYRENE (ABS)	60
8.9	POLYCARBONATE (PC)	61
8.10	OTHERS	61
9	NORTH-AMERICA, EUROPE & BRAZIL PLASTIC COMPONENT MARKET, BY REGION	62
9.1	OVERVIEW	62
9.1.1	NORTH-AMERICA, EUROPE & BRAZIL PLASTIC COMPONENT MARKET ESTIMATES & FORECAST, BY REGION, 2019-2030	63
9.1.2	NORTH-AMERICA, EUROPE & BRAZIL PLASTIC COMPONENT MARKET ESTIMATES & FORECAST, BY REGION, 2019-2030	63
9.2	NORTH AMERICA	64
9.2.1	US	68
9.2.2	CANADA	71
9.3	EUROPE	75
9.3.1	GERMANY	79
9.3.2	FRANCE	82
9.3.3	UK	85
9.3.4	ITALY	88
9.3.5	RUSSIA	91
9.3.6	SPAIN	94
9.3.7	REST OF EUROPE	97
9.4	BRAZIL	101
10	COMPETITIVE LANDSCAPE	105
10.1	INTRODUCTION	105
10.2	COMPETITIVE BENCHMARKING	107
11	COMPANY PROFILES	108
11.1	CONTINENTAL AG	108
11.1.1	COMPANY OVERVIEW	108
11.1.2	FINANCIAL OVERVIEW	109
11.1.3	PRODUCTS OFFERED	110
11.1.4	KEY DEVELOPMENTS	110
11.1.5	SWOT ANALYSIS	111
11.1.6	KEY STRATEGIES	111
11.2	FLEX-N-GATE CORPORATION	112
11.2.1	COMPANY OVERVIEW	112
11.2.2	FINANCIAL OVERVIEW	112
11.2.3	PRODUCTS OFFERED	112
11.2.4	KEY DEVELOPMENTS	113
11.2.5	SWOT ANALYSIS	114
11.2.6	KEY STRATEGIES	114
11.3	ELRINGKLINGER AG	115
11.3.1	COMPANY OVERVIEW	115
11.3.2	FINANCIAL OVERVIEW	116
11.3.3	PRODUCTS OFFERED	116
11.3.4	KEY DEVELOPMENTS	117
11.3.5	SWOT ANALYSIS	117
11.3.6	KEY STRATEGIES	118

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11.4	HARTFORD TECHNOLOGIES	119
11.4.1	COMPANY OVERVIEW	119
11.4.2	FINANCIAL OVERVIEW	119
11.4.3	PRODUCTS OFFERED	119
11.4.4	KEY DEVELOPMENTS	119
11.4.5	KEY STRATEGIES	119
11.5	COMPAGNIE PLASTIC OMNIUM SE	120
11.5.1	COMPANY OVERVIEW	120
11.5.2	FINANCIAL OVERVIEW	120
11.5.3	PRODUCTS OFFERED	121
11.5.4	SWOT ANALYSIS	122
11.5.5	KEY STRATEGIES	122
11.6	CELANESE CORPORATION	123
11.6.1	COMPANY OVERVIEW	123
11.6.2	FINANCIAL OVERVIEW	124
11.6.3	PRODUCTS OFFERED	124
11.6.4	KEY DEVELOPMENTS	125
11.6.5	SWOT ANALYSIS	125
11.6.6	KEY STRATEGIES	126
11.7	BASF SE	127
11.7.1	COMPANY OVERVIEW	127
11.7.2	FINANCIAL OVERVIEW	128
11.7.3	PRODUCTS OFFERED	128
11.7.4	KEY DEVELOPMENTS	129
11.7.5	SWOT ANALYSIS	130
11.7.6	KEY STRATEGIES	130
11.8	LANXESS AG.	131
11.8.1	COMPANY OVERVIEW	131
11.8.2	FINANCIAL OVERVIEW	132
11.8.3	PRODUCTS OFFERED	132
11.8.4	KEY DEVELOPMENTS	133
11.8.5	SWOT ANALYSIS	134
11.8.6	KEY STRATEGIES	134
11.9	NOVARES GROUP	135
11.9.1	COMPANY OVERVIEW	135
11.9.2	FINANCIAL OVERVIEW	135
11.9.3	PRODUCTS OFFERED	135
11.9.4	KEY DEVELOPMENTS	136
11.9.5	KEY STRATEGIES	136
11.10	HANSEN PLASTICS CORPORATION.	137
11.10.1	COMPANY OVERVIEW	137
11.10.2	FINANCIAL OVERVIEW	137
11.10.3	PRODUCTS OFFERED	137
11.10.4	KEY DEVELOPMENTS	137
11.10.5	KEY STRATEGIES	137
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