

Medical Polymers Market to 2015 - Polyvinyl Chloride (PVC) Dominating the Medical Devices and Packaging Markets

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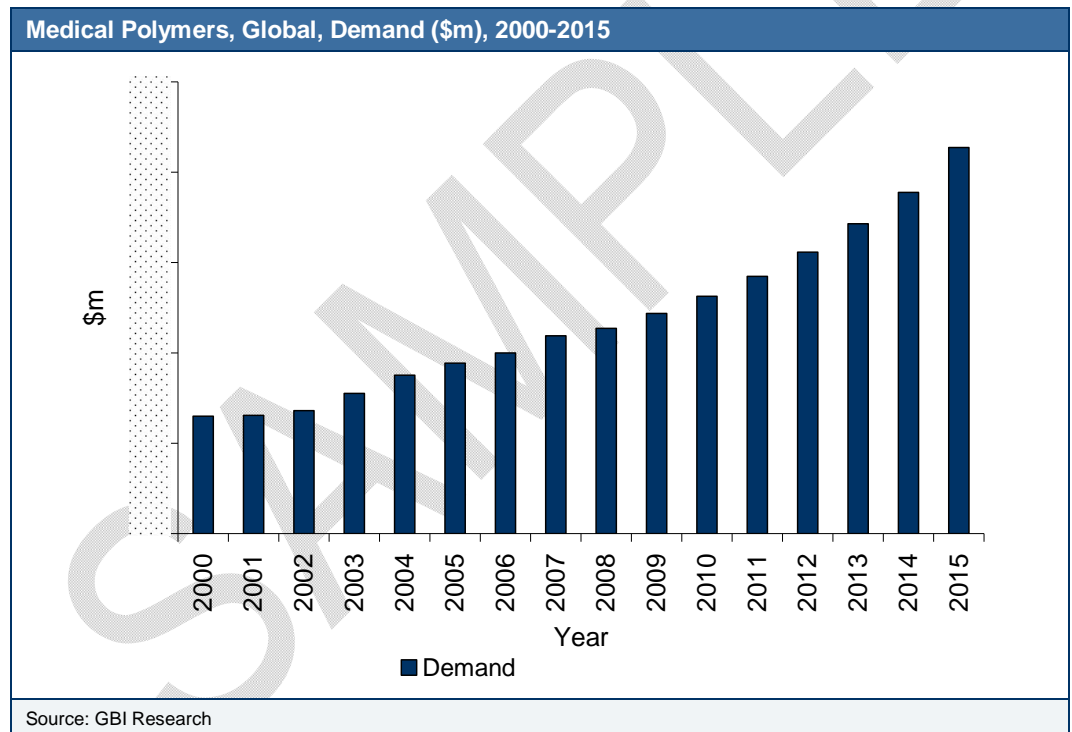
North America is the leader in demand for medical polymers with a share of more than XX%

The Medical Polymer Market is Expected to Grow at a Healthy Rate

The demand for medical polymers grew at a Compound Annual Growth Rate (CAGR) of XX % from 2000–2009. In value terms in the year 2000, the demand for medical polymers was \$XX m. The demand for medical polymers has grown over the years because of increased use of plastics in medical applications. Factors such as technology, properties such as transparency, resistance, and ease in forming and joining have increased its use in the medical industry. Plastics have replaced other traditional materials such as glass and metals and are the leading choice of material in medical applications. Demand for medical polymers reached \$XX m in 2009 from \$XX m in 2000.

Demand is expected to increase until 2015, growing at a CAGR of XX % from 2009–2015. Existing polymers will continue to be used in medical applications, while technological advancements will help to improve their properties. Other forms of plastics will be developed for medical use, thereby leading to an increase in demand for medical polymers.

The following graph shows the global demand for medical polymers from 2000–2015.



1 Table of Contents

1	Table of Contents	6
1.1	List of Tables.....	9
1.2	List of Figures	10
2	Introduction	12
2.1	GBI Report Coverage	12
3	Global Medical Polymers Market.....	13
3.1	Global Medical Polymers Market Drivers	13
3.1.1	<i>Varied Properties of Plastics</i>	13
3.1.2	<i>Technological Advances</i>	13
3.1.3	<i>Preference for Plastics as a Packaging Material</i>	13
3.1.4	<i>The Rising Incidence of Diseases and Increasing Public Health Awareness</i>	13
3.1.5	<i>Production of Low Weight Medical Devices</i>	13
3.2	Global Medical Polymers Market Restraints	13
3.2.1	<i>Proper Management of Medical Waste</i>	13
3.2.2	<i>Indestructibility of Plastics</i>	13
3.3	Global Medical Polymers Market to 2015	14
3.4	Global Medical Polymers Market Breakdown By Product in 2009	16
3.5	Global Medical Polymer Market Breakdown by Region in 2009	17
3.6	Global Medical Polymers Market Breakdown By Product and Region in 2009.....	18
3.6.1	<i>Polyvinyl Chloride (PVC) based Medical Polymers</i>	18
3.6.2	<i>Polypropylene (PP) based Medical Polymers</i>	19
3.6.3	<i>Polyethylene (PE) based Medical Polymers</i>	20
3.6.4	<i>Other Polymers</i>	21
3.7	Global Medical Polymers Market End Use Classification and Forecasts to 2015.....	22
3.7.1	<i>Medical Devices Market and Forecasts</i>	22
3.7.2	<i>Medical Packaging Market and Forecasts</i>	24
3.8	Global Medical Polymers: Major Players	26
3.8.1	<i>Bayer AG</i>	26
3.8.2	<i>Celanese Corporation</i>	27
3.8.3	<i>Eastman Chemical Company</i>	27
3.8.4	<i>Dow Chemical Company</i>	28
3.8.5	<i>E. I. du Pont de Nemours and Company</i>	28
3.8.6	<i>Exxon Mobil Corporation</i>	29
4	Global Polyvinyl Chloride (PVC) based Medical Polymers Market	30
4.1	Market Introduction and Overview	30
4.2	Applications of PVC.....	30
4.3	Advantages of PVC based Medical Polymers	30
4.4	Disadvantages of PVC based Medical Polymers	31
4.5	Strategic Analysis by Geographic Region and Forecasts to 2015	31
4.5.1	<i>North America Market Analysis and Forecasts</i>	31
4.5.2	<i>North America Price Analysis and Forecasts</i>	33
4.5.3	<i>Europe Market Analysis and Forecasts</i>	35
4.5.4	<i>Europe Price Analysis and Forecasts</i>	37
4.5.5	<i>Asia Market Analysis and Forecasts</i>	39
4.5.6	<i>Asia Price Analysis and Forecasts</i>	41
4.6	Strategic Analysis by End Use Classification	43
5	Global Poly Propylene (PP) based Medical Polymers Market.....	44
5.1	Market Introduction and Overview	44
5.2	Applications of PP	44
5.3	Advantages of PP based Medical Polymers	44
5.4	Strategic Analysis by Geographic Regions and Forecasts to 2015	45
5.4.1	<i>North America Market Analysis and Forecasts</i>	45
5.4.2	<i>North America Price Analysis and Forecasts</i>	47

5.4.3	Europe Market Analysis and Forecasts	49
5.4.4	Europe Price Analysis and Forecasts.....	51
5.4.5	Asia Market Analysis and Forecasts.....	53
5.4.6	Asia Price Analysis and Forecasts	55
5.5	Strategic Analysis by End Use Classification	57
6	Global Polyethylene (PE) based Medical Polymers Market	58
6.1	Market Introduction and Overview	58
6.2	Applications of PE	58
6.3	Advantages of PE based Medical Polymers	58
6.4	Strategic Analysis by Geographic Regions and Forecasts to 2015	59
6.4.1	North America Market Analysis and Forecasts	59
6.4.2	North America Price Analysis and Forecasts	61
6.4.3	Europe Market Analysis and Forecasts	63
6.4.4	Europe Price Analysis and Forecasts.....	65
6.4.5	Asia Market Analysis and Forecasts.....	67
6.4.6	Asia Price Analysis and Forecasts	69
6.5	Strategic Analysis by End Use Classification	71
7	Global Polycarbonate (PC) based Medical Polymers Market	72
7.1	Market Introduction and Overview	72
7.2	Applications of Polycarbonate (PC)	72
7.3	Advantages of PC based Medical Polymers	72
7.4	Disadvantages of PC based Medical Polymers.....	72
7.5	Strategic Analysis by Geographic Regions and Forecasts to 2015	73
7.5.1	North America Market Analysis and Forecast	73
7.5.2	North America Price Analysis and Forecasts	75
7.5.3	Europe Market Analysis and Forecasts	77
7.5.4	Europe Price Analysis and Forecasts.....	79
7.5.5	Asia Market Analysis and Forecasts.....	81
7.5.6	Asia Price Analysis and Forecasts	83
7.6	Strategic Analysis by End Use Classification	85
8	Global Nylon based Medical Polymers Market	86
8.1	Market Introduction and Overview	86
8.2	Applications of Nylon	86
8.3	Advantages of Nylon based Medical Polymers	86
8.4	Strategic Analysis by Geographic Reasons and Forecasts to 2015	87
8.4.1	North America Market Analysis and Forecasts	87
8.4.2	North America Price Analysis and Forecasts	89
8.4.3	Europe Market Analysis and Forecasts	91
8.4.4	Europe Price Analysis and Forecasts.....	93
8.4.5	Asia Market Analysis and Forecasts.....	95
8.4.6	Asia Price Analysis and Forecasts	97
8.5	Strategic Analysis by End Use Classification	99
9	Global Biopolymers (BP) based Medical Polymers Market	100
9.1	Market Introduction and Overview	100
9.2	Applications of Biopolymers	100
9.3	The advantages of Biopolymer based Medical Polymers.....	100
9.4	The Disadvantages of Biopolymers	100
9.5	Strategic Analysis by Geographic Reasons and Forecasts to 2015	101
9.5.1	North America Market Analysis and Forecasts	101
9.5.2	North America Price Analysis and Forecasts	103
9.5.3	Europe Market Analysis and Forecasts	105
9.5.4	Europe Price Analysis and Forecasts.....	107
9.5.5	Asia Market Analysis and Forecasts.....	109
9.5.6	Asia Price Analysis and Forecasts	111
9.6	Strategic Analysis by End Use Classification	113

10 Appendix.....	114
10.1 Market Definitions.....	114
10.2 Abbreviations	114
10.3 Methodology	114
10.3.1 Coverage.....	114
10.3.2 Secondary Research.....	115
10.3.3 Primary Research	115
10.3.4 Expert Panel Validation	115
10.4 Contact Us.....	115
10.5 About GBI Research.....	116
10.6 Disclaimer.....	116

SAMPLE

1.1 List of Tables

Table 1:	Medical Polymers, Global, Demand (\$m), 2000-2015	15
Table 2:	Medical Polymers, Global, Product Breakdown (\$m), 2009	16
Table 3:	Medical Polymers, Global, Value Share by Geographic Regions, (\$m), 2009.....	17
Table 4:	PVC based Medical Polymers, Global, Value Share by Geographic Regions, (\$m), 2009	18
Table 5:	PP based medical polymers, Global, Value Share by Geographic Regions, (\$m), 2009-19	19
Table 6:	PE based Medical Polymers, Global, Value Share by Geographic Regions, (\$m), 2009	20
Table 7:	Other Polymers based Medical Polymers, Global, Value Share by Geographic Regions, (\$m), 2009.....	21
Table 8:	Medical Devices, Global, End Use Classification (\$m), 2009-2015	23
Table 9:	Medical Packaging, Global, End Use Classification (\$m), 2009-2015.....	25
Table 10:	PVC based Medical Polymers, North America, Demand (Ton) / Revenue (\$m), 2000-2015	32
Table 11:	PVC based Medical Polymers, North America, Price, \$/Ton, 2000-2015	34
Table 12:	PVC based Medical Polymers, Europe, Demand (Ton) / Revenue (\$m), 2000-2015...36	36
Table 13:	PVC based Medical Polymers, Europe, Price, \$/Ton, 2000- 2015.....	38
Table 14:	PVC based Medical Polymers, Asia, Demand (Ton) / Revenue (\$m), 2000- 2015	40
Table 15:	PVC based Medical Polymers, Asia, Price, \$/Ton, 2000- 2015	42
Table 16:	PVC-based Medical Polymers, Global, End Use Demand by Application, %, 2009.....	43
Table 17:	PP based Medical Polymers, North America, Demand (Ton) / Revenue (\$m), 2000-2015	46
Table 18:	PP-based Medical Polymers, North America, Price, \$/Ton, 2000-2015	48
Table 19:	PP-based Medical Polymers, Europe, Demand (Ton) / Revenue (\$m), 2000-2015.....	50
Table 20:	PP-based Medical Polymers, Europe, Price, \$/Ton, 2000-2015	52
Table 21:	PP based Medical Polymers, Asia, Demand (Ton) / Revenue (\$m), 2000- 2015.....	54
Table 22:	PP based Medical Polymers, Asia, Price, \$/Ton, 2000-2015.....	56
Table 23:	PP based Medical Polymers, Global, End Use Demand by Application, %, 2009	57
Table 24:	PE based Medical Polymers, North America, Demand (Ton) / Revenue (\$m), 2000-2015	60
Table 25:	PE based Medical Polymers, North America, Price, \$/Ton, 2000 - 2015	62
Table 26:	PE based Medical Polymers, Europe, Demand (Ton) / Revenue (\$m), 2000 - 2015.....	64
Table 27:	PE based Medical Polymers, Europe, Price, \$/Ton, 2000-2015	66
Table 28:	PE based Medical Polymers, Asia, Demand (Ton) / Revenue (\$m), 2000-2015	68
Table 29:	PE based Medical Polymers, Asia, Price, \$/Ton, 2000-2015	70
Table 30:	PE based Medical Polymers, Global, End Use Demand by Application, %, 2009	71
Table 31:	PC based Medical Polymers, North America, Demand (Ton) / Revenue (\$m), 2000 - 2015	74
Table 32:	PC based Medical Polymers, North America, Price, \$/Ton, 2000-2015.....	76
Table 33:	PC based Medical Polymers, Europe, Demand (Ton) / Revenue (\$m), 2000-2015.....	78
Table 34:	PC based Medical Polymers, Europe, Price, \$/Ton, 2000-2015.....	80
Table 35:	PC based Medical Polymers, Asia, Demand (Ton) / Revenue (\$m), 2000-2015	82
Table 36:	PC based Medical Polymers, Asia, Price, \$/Ton, 2000-2015	84
Table 37:	PC based Medical Polymers, Global, End Use Demand by Application, %, 2009.....	85
Table 38:	Nylon based Medical Polymers, North America, Demand (Ton) / Revenue (\$m), 2000-2015	88
Table 39:	Nylon based Medical Polymers, North America, Price, \$/Ton, 2000-2015	90
Table 40:	Nylon based Medical Polymers, Europe, Demand (Ton) / Revenue (\$m), 2000-2015..92	92
Table 41:	Nylon based Medical Polymers, Europe, Price, \$/Ton, 2000-2015.....	94
Table 42:	Nylon based Medical Polymers, Asia, Demand (Ton) / Revenue (\$m), 2000-2015	96
Table 43:	Nylon based Medical Polymers, Asia, Price, \$/Ton, 2000-2015	98
Table 44:	Nylon based Medical Polymers, Global, End Use demand by Application, %, 2009.....	99
Table 45:	Biopolymer based Medical Polymers, North America, Demand (Ton) / Revenue (\$m), 2000-2015	102
Table 46:	Biopolymer based Medical Polymers, North America, Price, \$/Ton, 2000-2015.....	104
Table 47:	Biopolymer based Medical Polymers, Europe, Demand (Ton) / Revenue (\$m), 2000-2015	106
Table 48:	Biopolymer based Medical Polymers, Europe, Price, \$/Ton, 2000-2015.....	108
Table 49:	Biopolymer based Medical Polymers, Asia, Demand (Ton) / Revenue (\$m), 2000-2015	110
Table 50:	Biopolymer based Medical Polymers, Asia, Price, \$/Ton, 2000-2015.....	112

Table 51: Biopolymer based Medical Polymers, Global, End Use Demand by Application, %, 2009	113
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1.2 List of Figures

Figure 1: Medical Polymers, Global, Demand (\$m), 2000-2015	14
Figure 2: Medical Polymers, Global, Product Breakdown (%), 2009	16
Figure 3: Medical Polymers, Global, Value Share by Geographic Regions, (%), 2009	17
Figure 4: PVC based Medical Polymers, Global, Value Share by Geographic Regions, (%), 2009	18
Figure 5: PP based medical polymers, Global, Value Share by Geographic Regions, (%), 2009	19
Figure 6: PE based Medical Polymers, Global, Value Share by Geographic Regions, (%), 2009	20
Figure 7: Other Polymers based Medical Polymers, Global, Value Share by Geographic Regions, (%), 2009	21
Figure 8: Medical Devices, Global, End Use Classification (\$m), 2009-2015	23
Figure 9: Medical Packaging, Global, End Use Classification (\$m), 2009-2015	25
Figure 10: PVC based Medical Polymers, North America, Demand (Ton) / Revenue (\$m), 2000-2015	31
Figure 11: PVC based Medical Polymers, North America, Price, \$/Ton, 2000-2015	33
Figure 12: PVC based Medical Polymers, Europe, Demand (Ton) / Revenue (\$m), 2000-2015	35
Figure 13: PVC-based Medical Polymers, Europe, Price, \$/Ton, 2000-2015	37
Figure 14: PVC based Medical Polymers, Asia, Demand (Ton) / Revenue (\$m), 2000-2015	39
Figure 15: PVC-based Medical Polymers, Asia, Price, \$/Ton, 2000-2015	41
Figure 16: PVC-based Medical Polymers, Global, End Use Demand by Application, %, 2009	43
Figure 17: PP based Medical Polymers, North America, Demand (Ton) / Revenue (\$m), 2000-2015	45
Figure 18: PP-based Medical Polymers, North America, Price, \$/Ton, 2000-2015	47
Figure 19: PP-based Medical Polymers, Europe, Demand (Ton) / Revenue (\$m), 2000-2015	49
Figure 20: PP-based Medical Polymers, Europe, Price, \$/Ton, 2000-2015	51
Figure 21: PP based Medical Polymers, Asia, Demand (Ton) / Revenue (\$m), 2000-2015	53
Figure 22: PP based Medical Polymers, Asia, Price, \$/Ton, 2000-2015	55
Figure 23: PP based Medical Polymers, Global, End Use demand by Application, %, 2009	57
Figure 24: PE based Medical Polymers, North America, Demand (Ton) / Revenue (\$m), 2000-2015	59
Figure 25: PE based Medical Polymers, North America, Price, \$/Ton, 2000-2015	61
Figure 26: PE based Medical Polymers, Europe, Demand (Ton) / Revenue (\$m), 2000-2015	63
Figure 27: PE based Medical Polymers, Europe, Price, \$/Ton, 2000-2015	65
Figure 28: PE based Medical Polymers, Asia, Demand (Ton) / Revenue (\$m), 2000-2015	67
Figure 29: PE based Medical Polymers, Asia, Price, \$/Ton, 2000-2015	69
Figure 30: PE based Medical Polymers, Global, End Use Demand by Application, %, 2009	71
Figure 31: PC based Medical Polymers, North America, Demand (Ton) / Revenue (\$m), 2000-2015	73
Figure 32: PC based Medical Polymers, North America, Price, \$/Ton, 2000-2015	75
Figure 33: PC based Medical Polymers, Europe, Demand (Ton) / Revenue (\$m), 2000-2015	77
Figure 34: PC based Medical Polymers, Europe, Price, \$/Ton, 2000-2015	79
Figure 35: PC based Medical Polymers, Asia, Demand (Ton) / Revenue (\$m), 2000-2015	81
Figure 36: PC based Medical Polymers, Asia, Price, \$/Ton, 2000-2015	83
Figure 37: PC based Medical Polymers, Global, End Use Demand by Application, %, 2009	85
Figure 38: Nylon based Medical Polymers, North America, Demand (Ton) / Revenue (\$m), 2000-2015	87
Figure 39: Nylon based Medical Polymers, North America, Price, \$/Ton, 2000-2015	89
Figure 40: Nylon based Medical Polymers, Europe, Demand (Ton) / Revenue (\$m), 2000-2015	91
Figure 41: Nylon based Medical Polymers, Europe, Price, \$/Ton, 2000-2015	93
Figure 42: Nylon based Medical Polymers, Asia, Demand (Ton) / Revenue (\$m), 2000-2015	95
Figure 43: Nylon based Medical Polymers, Asia, Price, \$/Ton, 2000-2015	97
Figure 44: Nylon based Medical Polymers, Global, End Use demand by Application, %, 2009	99
Figure 45: Biopolymer based Medical Polymers, North America, Demand (Ton) / Revenue (\$m), 2000-2015	101
Figure 46: Biopolymer based Medical Polymers, North America, Price, \$/Ton, 2000-2015	103
Figure 47: Biopolymer based Medical Polymers, Europe, Demand (Ton) / Revenue (\$m), 2000-2015	105
Figure 48: Biopolymer based Medical Polymers, Europe, Price, \$/Ton, 2000-2015	107

Figure 49: Biopolymer based Medical Polymers, Asia, Demand (Ton) / Revenue (\$m), 2000-2015 109
Figure 50: Biopolymer based Medical Polymers, Asia, Price, \$/Ton, 2000-2015..... 111
Figure 51: Biopolymer based Medical Polymers, Global, End Use Demand by Application, %, 2009 113

SAMPLE

2 Introduction

Polymers are natural and synthetic materials possessing diverse properties. Polymers are generally referred to as plastics and they play a crucial role in everyday life because of their varied properties. Polymers can be synthetic or natural based.

Polymers are used for different applications in different sectors. The polymers which are used in medical applications are termed medical polymers.

The study covers the various plastics which are used in medical applications. The main plastics covered in the report are Polyvinyl Chloride (PVC), Polypropylene (PP), Polyethylene (PE), Polycarbonate (PC), Nylon and Biopolymers

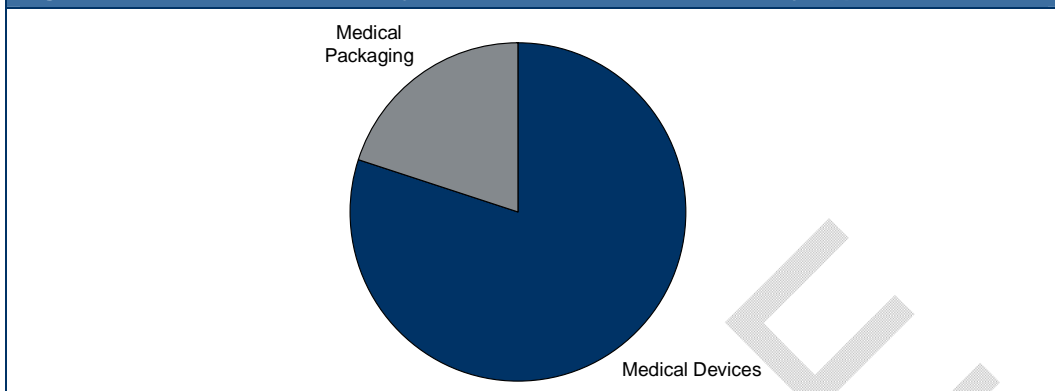
2.1 GBI Report Coverage

- Chapter 3 gives a global market overview with market drivers and restraints. It contains global demand forecasts by monetary value, global demand share analysis and forecasts by geography, global demand share analysis and forecasts by product global demand share analysis and forecasts by product and region. It also looks at global demand by end use and major global players operating in the industry.
- Chapter 4 is an overview of the Poly Vinyl Chloride (PVC) based medical polymer market with its major application of PVC. It contains demand forecasts for PVC based medical polymers by volume in North America, Europe and Asia; revenue analysis and forecasts in the three regions and medical demand share analysis by end use. The chapter also contains historical and forecast prices for each region
- Chapter 5 is an overview of Poly Propylene (PP) based medical polymer market with its major applications. It contains demand forecasts for PP based medical polymers by volume in North America, Europe and Asia; PP based medical polymers revenue analysis and forecasts in the three regions and demand share analysis by end use. The chapter also contains historical and forecast prices in the three regions.
- Chapter 6 is an overview of the Poly Ethylene (PE) based medical polymer market with its major applications. It contains demand forecasts for PE based medical polymers by volume in North America, Europe and Asia; revenue analysis and forecasts in the three regions and medical demand share analysis by end use. The chapter also contains historical and forecast prices for each region
- Chapter 7 is an overview of the Poly Carbonate (PC) based medical polymer market with its major applications. It contains demand forecasts for PC based medical polymers by volume in North America, Europe and Asia; revenue analysis and forecasts in the three regions and medical demand share analysis by end use. The chapter also contains historical and forecast prices for each region
- Chapter 8 is an overview of the Nylon based medical polymer market with its major applications. It contains demand forecasts for Nylon based medical polymers by volume in North America, Europe and Asia; revenue analysis and forecasts in the three regions and medical demand share analysis by end use. The chapter also contains historical and forecast prices for each region
- Chapter 9 is an overview of the Biopolymer (BP) based medical polymer market with its major applications. It contains demand forecasts for BP based medical polymers by volume in North America, Europe and Asia; revenue analysis and forecasts in the three regions and medical demand share analysis by end use. The chapter also contains historical and forecast prices for each region
- Chapter 10 contains the appendix of the report illustrating the methodology, research process and important definitions included in the report.

4.6 Strategic Analysis by End Use Classification

In terms of end use applications, XX % of PVC based medical polymers are used in the manufacture of medical devices and the remaining XX % in medical packaging, as shown in the following graph and table for the year 2009.

Figure 16: PVC-based Medical Polymers, Global, End Use Demand by Application, %, 2009



Source: GBI Research

Table 16: PVC-based Medical Polymers, Global, End Use Demand by Application, %, 2009

Year	2009
Medical Devices	
Medical Packaging	

Source: GBI Research

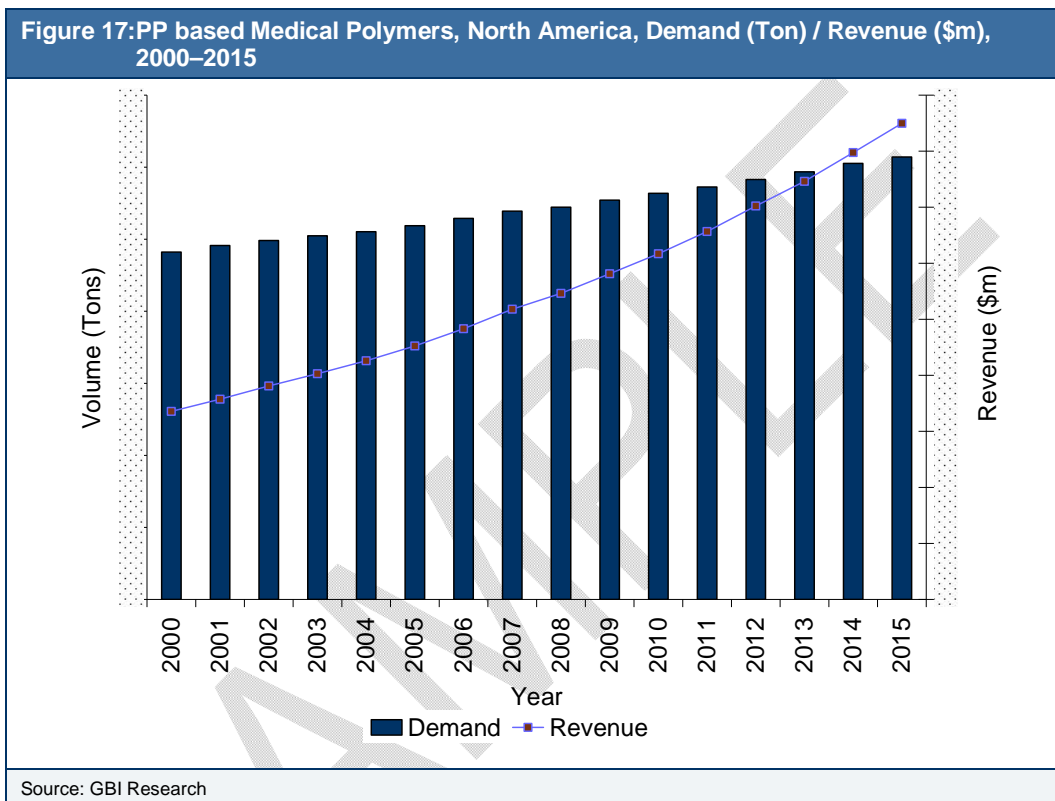
5.4 Strategic Analysis by Geographic Regions and Forecasts to 2015

5.4.1 North America Market Analysis and Forecasts

The demand for PP based medical polymers in 2000 was XX tons. The demand increased to XX tons in 2009. The market for PP based medical polymers increased marginally at a CAGR of XX % during 2000–2009.

The revenue earned in 2000 from the PP based medical polymers stood at \$XX m. The revenue increased at a CAGR of XX % during 2000–2009 and reached \$XX m in 2009.

The following graph shows the demand for PP based medical polymers and the revenue earned in North America from 2000–2015.



The demand for PP based medical polymers is expected to reach XX tons by 2015 from XX tons in 2009. It is expected to grow at a moderate CAGR of XX %.

The revenue earned is also expected to increase from \$XX m in 2009 to \$XX m by 2015, at a CAGR of XX %.

10 Appendix

10.1 Market Definitions

References to Europe in the report include countries in the EU-27 list of countries as published by the European Union (EU), Russia and other European countries.

Reference to North America in the report include the US and Canada.

Reference to ROW in the report include South and Central America, the Middle East and Africa and Oceania

10.2 Abbreviations

PVC:	Poly Vinyl Chloride
VCM:	Vinyl Chloride Monomer
DEHP:	Di ethyl hexyl phthalate
PCB:	Polychlorinated Biphenyls
PP:	Poly Propylene
PE:	Polyethylene
PC:	Polycarbonate
BP:	Biopolymer
ABS:	Acrylonitrile Butadiene Styrene
CAGR:	Compound Annual Growth Rate

10.3 Methodology

GBI Research's dedicated research and analysis teams consist of experienced professionals with pedigrees in marketing, market research, consulting backgrounds in the energy industry and advanced statistical expertise.

GBI Research adheres to the Codes of Practice of the Market Research Society (www.mrs.org.uk) and the Society of Competitive Intelligence Professionals (www.scip.org).

All GBI Research databases are continuously updated and revised.

10.3.1 Coverage

The objective of updating GBI Research's coverage is to ensure that it represents the most up to date vision of the industry possible.

Changes to the industry taxonomy are built based on extensive research of company, association and competitor sources.

Company coverage is based on three key factors: market capitalization, revenues and media attention/innovation/market potential.

- The estimated revenues of all major companies, including private and governmental, are gathered and used to prioritize coverage.
- Companies which are making the news, or which are of particular interest due to their innovative approach are prioritized.

10.3.2 Secondary Research

The research process begins with exhaustive secondary research on internal and external sources being carried out to source qualitative and quantitative information relating to each market.

The secondary research sources that are typically referred to include, but are not limited to:

- Company websites, annual reports, financial reports, broker reports, investor presentations and SEC filings
- Industry trade journals and other literature
- Internal and external proprietary databases
- National government documents, statistical databases and market reports
- News articles, press releases and web-casts specific to the companies operating in the market

10.3.3 Primary Research

GBI Research conducts hundreds of primary interviews a year with industry participants and commentators in order to validate its data and analysis. A typical research interview fulfills the following functions:

- It provides first-hand information on the market size, market trends, growth trends, competitive landscape and future outlook
- Helps in validating and strengthening the secondary research findings.
- Further develops the analysis team's expertise and market understanding.
- Primary research involves email correspondence and telephone interviews as well as face-to-face interviews for each market, category, segment and sub-segment across geographies.
- The participants who typically take part in such a process include, but are not limited to:
- Industry participants: CEOs, VPs, business development managers, market intelligence managers and national sales managers
- Outside experts: investment bankers, valuation experts, research analysts and key opinion leaders specializing in chemical markets.

10.3.4 Expert Panel Validation

GBI Research uses a panel of experts to cross verify research and forecast methodologies and drive its analytical content.

- The GBI Research expert panel comprises marketing managers, product specialists, and international sales managers from leading chemical companies, worldwide

10.4 Contact Us

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10.5 About GBI Research

GBI Research is a leading business information company providing global business information reports and services.

Our highly qualified team of Analysts, Researchers, and Solution Consultants use proprietary data sources and various tools and techniques to gather, analyze and represent the latest and the most reliable information essential for businesses to sustain a competitive edge.

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