

2018 Top 5 BDO-PTMEG-Spandex Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

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Abstracts

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Polytetramethylene ether glycol (PTMEG), also known as polytetrahydrofuran, polytetramethylene ether glycol, tetrahydrofuran homopolyether, etc. Its English name is Polytetramethylene Ether Glycol, abbreviated as PTMEG. Its molecular formula is $\text{HO}[\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{O}]_n\text{H}$, which is a homopolymer obtained by cationic ring-opening polymerization of tetrahydrofuran (THF) in the presence of a catalyst. It is a primary hydroxyl end linear polyether diol at room temperature. The next is a white waxy solid that melts into a clear, colorless liquid when the temperature exceeds room temperature, and is easily soluble in alcohols, esters, ketones, aromatics, and chlorinated hydrocarbons, insoluble in ester-like hydrocarbons and water. BDO is a chemical production project, called 1,4 butanediol, colorless oil, non-volatile, condensation below 25 °. Spandex is an abbreviation of polyurethane fiber and is an elastic fiber. Spandex generally consists of multiple filaments, usually 10D/root, which is currently 15D/root, or even 20D/root. The smaller the theoretical number is, the better the evenness of the strip is, and the less the chance rate of overlap, the less dry it is. The market is likely to be driven by increasing butanediol demand from cosmetics, medicines, textiles, engineering plastics and automotive applications. About 50% BDO is used in tetrahydrofuran (THF) production, which is an intermediate chemical for polytetramethylene ether glycol (PTMEG). PTMEG itself is further processed to manufacture spandex/elastane/lycra, which finds application in several end-use industries that include textiles and automotive interiors. Asia Pacific dominated the global scenario as the largest consumer base and revenue generating region and is expected to witness the fastest growth over the forecast period. India and China are projected to account for the major market share in the region primarily due to rising

industrial application, economic developments and technology adoption for various industrial operations.

Over the next five years, LPI(LP Information) projects that BDO-PTMEG-Spandex will register a 4.8% CAGR in terms of revenue, reach US\$ 5310 million by 2023, from US\$ 4200 million in 2017.

This report studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:

Dairen Chemicals

Shanxi Sanwei Group

Ashland BASF

LyondellBasell

DuPont

Invista

Market Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

Asia-Pacific (China, Japan, Southeast Asia, India and Korea)

Europe (Germany, UK, France, Italy and Russia etc.)

South America (Brazil, Chile, Peru and Argentina)

Middle East and Africa (Egypt, South Africa, Saudi Arabia)

Split by Product Types, with sales, revenue, price, market share of each type, can be

divided into

Polyurethane

GBL

polybutylene terephthalate

tetrahydrofuran

solvents

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

Automotive

Hygiene

Textiles

Contents

1 BDO-PTMEG-SPANDEX MARKET OVERVIEW

1.1 Product Overview and Scope of BDO-PTMEG-Spandex

1.2 BDO-PTMEG-Spandex Segment by Types

1.2.1 Global Sales Market Share of BDO-PTMEG-Spandex by Types in 2017

1.2.2 Polyurethane

1.2.2.1 Major Players of Type I

1.2.3 GBL

1.2.3.1 Major Players of GBL

1.2.4 polybutylene terephthalate

1.2.4.1 Major Players of polybutylene terephthalate

1.2.5 tetrahydrofuran

1.2.5.1 Major Players of tetrahydrofuran

1.2.6 solvents

1.2.6.1 Major Players of solvents

1.3 BDO-PTMEG-Spandex Segment by Applications

1.3.1 BDO-PTMEG-Spandex Sales Market Share by Applications in 2017

1.3.2 Automotive

1.3.3 Hygiene

1.3.4 Textiles

1.4 BDO-PTMEG-Spandex Market by Regions

1.4.1 North America Status and Prospect (2013-2023)

1.4.1.1 North America BDO-PTMEG-Spandex Revenue (Million USD) and Growth Rate (2013-2023)

1.4.2 Asia-Pacific Status and Prospect (2013-2023)

1.4.2.1 Asia-Pacific BDO-PTMEG-Spandex Revenue (Million USD) and Growth Rate (2013-2023)

1.4.3 Europe Status and Prospect (2013-2023)

1.4.3.1 Europe BDO-PTMEG-Spandex Revenue (Million USD) and Growth Rate (2013-2023)

1.4.4 South America Status and Prospect (2013-2023)

1.4.4.1 South America BDO-PTMEG-Spandex Revenue (Million USD) and Growth Rate (2013-2023)

1.4.5 Middle East and Africa Status and Prospect (2013-2023)

1.4.5.1 Middle East and Africa BDO-PTMEG-Spandex Revenue (Million USD) and Growth Rate (2013-2023)

1.5 Global Market Size (Value) of BDO-PTMEG-Spandex (2013-2023)

2 GLOBAL BDO-PTMEG-SPANDEX SALES, REVENUE (VALUE) AND MARKET SHARE BY PLAYERS

2.1 Global BDO-PTMEG-Spandex Sales and Market Share by Players in 2016 and 2017

2.1.1 Global BDO-PTMEG-Spandex Sales by Players in 2016 and 2017

2.1.2 Global BDO-PTMEG-Spandex Sales Market Share (%) by Players in 2016 and 2017

2.2 Global BDO-PTMEG-Spandex Revenue and Market Share by Players in 2016 and 2017

2.2.1 Global BDO-PTMEG-Spandex Revenue by Players in 2016 and 2017

2.2.2 Global BDO-PTMEG-Spandex Revenue Market Share (%) by Players in 2016 and 2017

2.3 Global BDO-PTMEG-Spandex Average Price by Players in 2016 and 2017

2.4 Global BDO-PTMEG-Spandex Manufacturing Base Distribution, Sales Area, Product Types by Players

2.4.1 Global BDO-PTMEG-Spandex Manufacturing Base Distribution and Sales Area by Players

2.4.2 Players BDO-PTMEG-Spandex Product Types

2.5 BDO-PTMEG-Spandex Market Competitive Situation and Trends

2.5.1 BDO-PTMEG-Spandex Market Concentration Rate

2.5.2 BDO-PTMEG-Spandex Market Share of Top 3 and Top 5 Players

2.5.3 Mergers & Acquisitions, Expansion

3 GLOBAL BDO-PTMEG-SPANDEX SALES, REVENUE (VALUE) BY REGIONS, TYPE AND APPLICATION (2013-2018)

3.1 Global BDO-PTMEG-Spandex Sales, Revenue and Market Share by Regions (2013-2018)

3.1.1 Global BDO-PTMEG-Spandex Sales and Market Share by Regions (2013-2018)

3.1.2 Global BDO-PTMEG-Spandex Revenue and Market Share by Regions (2013-2018)

3.2 Global BDO-PTMEG-Spandex Sales, Revenue, Market Share and Price by Type (2013-2018)

3.2.1 Global BDO-PTMEG-Spandex Sales and Market Share by Type (2013-2018)

3.2.2 Global BDO-PTMEG-Spandex Revenue and Market Share by Type (2013-2018)

3.2.3 Global BDO-PTMEG-Spandex Price by Type (2013-2018)

3.3 Global BDO-PTMEG-Spandex Sales and Market Share by Application (2013-2018)

- 3.3.1 Global BDO-PTMEG-Spandex Sales by Application (2013-2018)
- 3.3.2 Global BDO-PTMEG-Spandex Sales Market Share by Application (2013-2018)
- 3.4 Global BDO-PTMEG-Spandex Sales, Revenue, Price and Gross Margin (2013-2018)

4 NORTH AMERICA TOP 5 PLAYERS BDO-PTMEG-SPANDEX SALES, REVENUE AND PRICE

4.1 North America Top 5 Players BDO-PTMEG-Spandex Sales, Revenue and Market Share in 2016 and 2017

4.1.1 North America Top 5 Players BDO-PTMEG-Spandex Sales and Market Share in 2016 and 2017

4.1.2 North America Top 5 Players BDO-PTMEG-Spandex Revenue and Market Share in 2016 and 2017

4.2 North America BDO-PTMEG-Spandex Sales, Revenue, Market Share and Price by Type (2013-2018)

4.2.1 North America BDO-PTMEG-Spandex Sales and Market Share by Type (2013-2018)

4.2.1.1 North America BDO-PTMEG-Spandex Sales by Type (2013-2018)

4.2.1.2 North America BDO-PTMEG-Spandex Sales Market Share by Type (2013-2018)

4.2.2 North America BDO-PTMEG-Spandex Revenue and Market Share by Type (2013-2018)

4.2.2.1 North America BDO-PTMEG-Spandex Revenue by Type (2013-2018)

4.2.2.2 North America BDO-PTMEG-Spandex Revenue Market Share by Type (2013-2018)

4.2.3 North America BDO-PTMEG-Spandex Price by Type (2013-2018)

4.3 North America BDO-PTMEG-Spandex Sales and Market Share by Application (2013-2018)

4.3.1 North America BDO-PTMEG-Spandex Sales by Application (2013-2018)

4.3.2 North America BDO-PTMEG-Spandex Sales Market Share by Application (2013-2018)

4.4 North America BDO-PTMEG-Spandex Sales and Market Share by Country (US, Canada and Mexico) (2013-2018)

4.4.1 North America BDO-PTMEG-Spandex Sales by Country (2013-2018)

4.4.2 North America BDO-PTMEG-Spandex Sales Market Share by Country (2013-2018)

4.5 North America BDO-PTMEG-Spandex Import & Export (2013-2018)

5 EUROPE TOP 5 PLAYERS BDO-PTMEG-SPANDEX SALES, REVENUE AND PRICE

5.1 Europe Top 5 Players BDO-PTMEG-Spandex Sales, Revenue and Market Share in 2016 and 2017

5.1.1 Europe Top 5 Players BDO-PTMEG-Spandex Sales and Market Share in 2016 and 2017

5.1.2 Europe Top 5 Players BDO-PTMEG-Spandex Revenue and Market Share in 2016 and 2017

5.2 Europe BDO-PTMEG-Spandex Sales, Revenue, Market Share and Price by Type (2013-2018)

5.2.1 Europe BDO-PTMEG-Spandex Sales and Market Share by Type (2013-2018)

5.2.1.1 Europe BDO-PTMEG-Spandex Sales by Type (2013-2018)

5.2.1.2 Europe BDO-PTMEG-Spandex Sales Market Share by Type (2013-2018)

5.2.2 Europe BDO-PTMEG-Spandex Revenue and Market Share by Type (2013-2018)

5.2.2.1 Europe BDO-PTMEG-Spandex Revenue by Type (2013-2018)

5.2.2.2 Europe BDO-PTMEG-Spandex Revenue Market Share by Type (2013-2018)

5.2.3 Europe BDO-PTMEG-Spandex Price by Type (2013-2018)

5.3 Europe BDO-PTMEG-Spandex Sales and Market Share by Application (2013-2018)

5.3.1 Europe BDO-PTMEG-Spandex Sales by Application (2013-2018)

5.3.2 Europe BDO-PTMEG-Spandex Sales Market Share by Application (2013-2018)

5.4 Europe BDO-PTMEG-Spandex Sales and Market Share by Country (Germany, UK, France, Italy and Russia) (2013-2018)

5.4.1 Europe BDO-PTMEG-Spandex Sales by Country (2013-2018)

5.4.2 Europe BDO-PTMEG-Spandex Sales Market Share by Country (2013-2018)

5.5 Europe BDO-PTMEG-Spandex Import & Export (2013-2018)

6 ASIA-PACIFIC TOP 5 PLAYERS BDO-PTMEG-SPANDEX SALES, REVENUE AND PRICE

6.1 Asia-Pacific Top 5 Players BDO-PTMEG-Spandex Sales, Revenue and Market Share in 2016 and 2017

6.1.1 Asia-Pacific Top 5 Players BDO-PTMEG-Spandex Sales and Market Share in 2016 and 2017

6.1.2 Asia-Pacific Top 5 Players BDO-PTMEG-Spandex Revenue and Market Share in 2016 and 2017

6.2 Asia-Pacific BDO-PTMEG-Spandex Sales, Revenue, Market Share and Price by Type (2013-2018)

6.2.1 Asia-Pacific BDO-PTMEG-Spandex Sales and Market Share by Type

(2013-2018)

6.2.1.1 Asia-Pacific BDO-PTMEG-Spandex Sales by Type (2013-2018)

6.2.1.2 Asia-Pacific BDO-PTMEG-Spandex Sales Market Share by Type (2013-2018)

6.2.2 Asia-Pacific BDO-PTMEG-Spandex Revenue and Market Share by Type
(2013-2018)

6.2.3 Asia-Pacific BDO-PTMEG-Spandex Price by Type (2013-2018)

6.3 Asia-Pacific BDO-PTMEG-Spandex Sales and Market Share by Application
(2013-2018)

6.3.1 Asia-Pacific BDO-PTMEG-Spandex Sales by Application (2013-2018)

6.3.2 Asia-Pacific BDO-PTMEG-Spandex Sales Market Share by Application
(2013-2018)

6.4 Asia-Pacific BDO-PTMEG-Spandex Sales and Market Share by Country (China,
Japan, Southeast Asia, India, Korea and Australia) (2013-2018)

6.4.1 Asia-Pacific BDO-PTMEG-Spandex Sales by Country (2013-2018)

6.4.2 Asia-Pacific BDO-PTMEG-Spandex Sales Market Share by Country (2013-2018)

6.5 Asia-Pacific BDO-PTMEG-Spandex Import & Export (2013-2018)

7 SOUTH AMERICA TOP 5 PLAYERS BDO-PTMEG-SPANDEX SALES, REVENUE AND PRICE

7.1 South America Top 5 Players BDO-PTMEG-Spandex Sales, Revenue and Market
Share in 2016 and 2017

7.1.1 South America Top 5 Players BDO-PTMEG-Spandex Sales and Market Share in
2016 and 2017

7.1.2 South America Top 5 Players BDO-PTMEG-Spandex Revenue and Market
Share in 2016 and 2017

7.2 South America BDO-PTMEG-Spandex Sales, Revenue, Market Share and Price by
Type (2013-2018)

7.2.1 South America BDO-PTMEG-Spandex Sales and Market Share by Type
(2013-2018)

7.2.1.1 South America BDO-PTMEG-Spandex Sales by Type (2013-2018)

7.2.1.2 South America BDO-PTMEG-Spandex Sales Market Share by Type
(2013-2018)

7.2.2 South America BDO-PTMEG-Spandex Revenue and Market Share by Type
(2013-2018)

7.2.2.1 South America BDO-PTMEG-Spandex Revenue by Type (2013-2018)

7.2.2.2 South America BDO-PTMEG-Spandex Revenue and Market Share by Type
(2013-2018)

7.2.3 South America BDO-PTMEG-Spandex Price by Type (2013-2018)

7.3 South America BDO-PTMEG-Spandex Sales and Market Share by Application (2013-2018)

7.3.1 South America BDO-PTMEG-Spandex Sales by Application (2013-2018)

7.3.2 South America BDO-PTMEG-Spandex Sales Market Share by Application (2013-2018)

7.4 South America BDO-PTMEG-Spandex Sales and Market Share by Country (Brazil, Argentina, Chile and Peru) (2013-2018)

7.4.1 South America BDO-PTMEG-Spandex Sales by Country (2013-2018)

7.4.2 South America BDO-PTMEG-Spandex Sales Market Share by Country (2013-2018)

7.5 South America BDO-PTMEG-Spandex Import & Export (2013-2018)

8 MIDDLE EAST & AFRICA TOP 5 PLAYERS BDO-PTMEG-SPANDEX SALES, REVENUE AND PRICE

8.1 Middle East & Africa Top 5 Players BDO-PTMEG-Spandex Sales, Revenue and Market Share in 2016 and 2017

8.1.1 Middle East & Africa Top 5 Players BDO-PTMEG-Spandex Sales and Market Share in 2016 and 2017

8.1.2 Middle East & Africa Top 5 Players BDO-PTMEG-Spandex Revenue and Market Share in 2016 and 2017

8.2 Middle East & Africa BDO-PTMEG-Spandex Sales, Revenue, Market Share and Price by Type (2013-2018)

8.2.1 Middle East & Africa BDO-PTMEG-Spandex Sales and Market Share by Type (2013-2018)

8.2.1.1 Middle East & Africa BDO-PTMEG-Spandex Sales by Type (2013-2018)

8.2.1.2 Middle East & Africa BDO-PTMEG-Spandex Sales Market Share by Type (2013-2018)

8.2.2 Middle East & Africa BDO-PTMEG-Spandex Revenue and Market Share by Type (2013-2018)

8.2.2.1 Middle East & Africa BDO-PTMEG-Spandex Revenue by Type (2013-2018)

8.2.2.2 Middle East & Africa BDO-PTMEG-Spandex Revenue Market Share by Type (2013-2018)

8.2.3 Middle East & Africa BDO-PTMEG-Spandex Price by Type (2013-2018)

8.3 Middle East & Africa BDO-PTMEG-Spandex Sales and Market Share by Application (2013-2018)

8.3.1 Middle East & Africa BDO-PTMEG-Spandex Sales by Application (2013-2018)

8.3.2 Middle East & Africa BDO-PTMEG-Spandex Sales Market Share by Application (2013-2018)

8.4 Middle East & Africa BDO-PTMEG-Spandex Sales and Market Share by Country (Egypt, Saudi Arabia, South Africa and Iran) (2013-2018)

8.4.1 Middle East & Africa BDO-PTMEG-Spandex Sales by Country (2013-2018)

8.4.2 Middle East & Africa BDO-PTMEG-Spandex Sales Market Share by Country (2013-2018)

8.5 Middle East & Africa BDO-PTMEG-Spandex Import & Export (2013-2018)

9 GLOBAL BDO-PTMEG-SPANDEX PLAYERS PROFILES/ANALYSIS

9.1 Dairen Chemicals

9.1.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

9.1.2 BDO-PTMEG-Spandex Product Types, Application and Specification

9.1.2.1 Product A

9.1.2.2 Product B

9.1.3 Dairen Chemicals BDO-PTMEG-Spandex Sales, Revenue, Price and Gross Margin (2013-2018)

9.1.4 Main Business/Business Overview

9.1.5 Dairen Chemicals News

9.2 Shanxi Sanwei Group

9.2.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

9.2.2 BDO-PTMEG-Spandex Product Types, Application and Specification

9.2.2.1 Product A

9.2.2.2 Product B

9.2.3 Shanxi Sanwei Group BDO-PTMEG-Spandex Sales, Revenue, Price and Gross Margin (2013-2018)

9.2.4 Main Business/Business Overview

9.2.5 Shanxi Sanwei Group News

9.3 Ashland BASF

9.3.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

9.3.2 BDO-PTMEG-Spandex Product Types, Application and Specification

9.3.2.1 Product A

9.3.2.2 Product B

9.3.3 Ashland BASF BDO-PTMEG-Spandex Sales, Revenue, Price and Gross Margin (2013-2018)

9.3.4 Main Business/Business Overview

9.3.5 Ashland BASF News

9.4 LyondellBasell

9.4.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

9.4.2 BDO-PTMEG-Spandex Product Types, Application and Specification

9.4.2.1 Product A

9.4.2.2 Product B

9.4.3 LyondellBasell BDO-PTMEG-Spandex Sales, Revenue, Price and Gross Margin (2013-2018)

9.4.4 Main Business/Business Overview

9.4.5 LyondellBasell News

9.5 DuPont

9.5.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

9.5.2 BDO-PTMEG-Spandex Product Types, Application and Specification

9.5.2.1 Product A

9.5.2.2 Product B

9.5.3 DuPont BDO-PTMEG-Spandex Sales, Revenue, Price and Gross Margin (2013-2018)

9.5.4 Main Business/Business Overview

9.5.5 DuPont News

9.6 Invista

9.6.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

9.6.2 BDO-PTMEG-Spandex Product Types, Application and Specification

9.6.2.1 Product A

9.6.2.2 Product B

9.6.3 Invista BDO-PTMEG-Spandex Sales, Revenue, Price and Gross Margin (2013-2018)

9.6.4 Main Business/Business Overview

9.6.5 Invista News

10 GLOBAL BDO-PTMEG-SPANDEX MARKET FORECAST (2018-2023)

10.1 Global BDO-PTMEG-Spandex Sales, Revenue Forecast (2018-2023)

10.2 Global BDO-PTMEG-Spandex Sales, Consumption Forecast by Regions (2018-2023)

10.2.1 Global BDO-PTMEG-Spandex Sales Forecast by Regions (2018-2023)

10.2.2 Global BDO-PTMEG-Spandex Sales Market Share Forecast by Regions (2018-2023)

10.3 Global BDO-PTMEG-Spandex Sales and Market Share Forecast by Type (2018-2023)

10.3.1 Global BDO-PTMEG-Spandex Sales Forecast by Type (2018-2023)

10.3.2 Global BDO-PTMEG-Spandex Sales Market Share Forecast by Type (2018-2023)

10.4 Global BDO-PTMEG-Spandex Sales and Market Share Forecast by Application (2018-2023)

10.4.1 Global BDO-PTMEG-Spandex Sales Forecast by Application (2018-2023)

10.4.2 Global BDO-PTMEG-Spandex Sales Market Share Forecast by Application (2018-2023)

10.5 BDO-PTMEG-Spandex Price Forecast (2018-2023)

11 BDO-PTMEG-SPANDEX MANUFACTURING COST ANALYSIS

11.1 BDO-PTMEG-Spandex Key Raw Materials Analysis

11.1.1 Key Raw Materials

11.1.2 Price Trend of Key Raw Materials

11.1.3 Key Suppliers of Raw Materials

11.1.4 Market Concentration Rate of Raw Materials

11.2 Proportion of Manufacturing Cost Structure

11.2.1 Raw Materials

11.2.2 Labor Cost

11.2.3 Manufacturing Expenses

11.3 Manufacturing Process Analysis of BDO-PTMEG-Spandex

12 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

12.1 BDO-PTMEG-Spandex Industrial Chain Analysis

12.2 Upstream Raw Materials Sourcing

12.3 Raw Materials Sources of BDO-PTMEG-Spandex Major Players in 2017

12.4 Downstream Buyers

13 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

13.1 Marketing Channel

13.1.1 Direct Marketing

13.1.2 Indirect Marketing

13.1.3 Marketing Channel Development Trend

13.2 Market Positioning

- 13.2.1 Pricing Strategy
- 13.2.2 Brand Strategy
- 13.2.3 Target Client
- 13.3 Distributors/Traders List

14 MARKET EFFECT FACTORS ANALYSIS

- 14.1 Technology Progress/Risk
 - 14.1.1 Substitutes Threat
 - 14.1.2 Technology Progress in Related Industry
- 14.2 Consumer Needs/Customer Preference Change
- 14.3 Economic/Political Environmental Change

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Picture of BDO-PTMEG-Spandex

Table Product Specifications of BDO-PTMEG-Spandex

Figure Global Sales Market Share of BDO-PTMEG-Spandex by Types in 2017

Figure Product Picture of Polyurethane

Table Major Players of Polyurethane

Figure Product Picture of GBL

Table Major Players of GBL

Figure Product Picture of polybutylene terephthalate

Table Major Players of polybutylene terephthalate

Figure Product Picture of tetrahydrofuran

Table Major Players of tetrahydrofuran

Figure Product Picture of solvents

Table Major Players of solvents

Figure BDO-PTMEG-Spandex Sales Market Share by Applications in 2017

Table Applications of BDO-PTMEG-Spandex

Figure Hygiene Examples

Figure Textiles Examples

Figure North America BDO-PTMEG-Spandex Revenue (Million USD) and Growth Rate (2013-2023)

Figure Asia-Pacific BDO-PTMEG-Spandex Revenue (Million USD) and Growth Rate (2013-2023)

Figure Europe BDO-PTMEG-Spandex Revenue (Million USD) and Growth Rate (2013-2023)

Figure South America BDO-PTMEG-Spandex Revenue (Million USD) and Growth Rate (2013-2023)

Figure Middle East and Africa BDO-PTMEG-Spandex Revenue (Million USD) and Growth Rate (2013-2023)

Figure Global BDO-PTMEG-Spandex Revenue (Million USD) and Growth Rate (2013-2023)

Table Global BDO-PTMEG-Spandex Sales by Players in 2016 and 2017

Table Global BDO-PTMEG-Spandex Sales Market Share (%) by Players in 2016 and 2017

Figure Global BDO-PTMEG-Spandex Sales Market Share by Players in 2016

Figure Global BDO-PTMEG-Spandex Sales Market Share by Players in 2017

Table Global BDO-PTMEG-Spandex Revenue by Players in 2016 and 2017

Table Global BDO-PTMEG-Spandex Revenue Market Share (%) by Players in 2016 and 2017

Figure Global BDO-PTMEG-Spandex Revenue Market Share by Players in 2016

Figure Global BDO-PTMEG-Spandex Revenue Market Share by Players in 2017

Table Global BDO-PTMEG-Spandex Average Price by Players in 2016 and 2017

Figure Global BDO-PTMEG-Spandex Average Price by Players in 2017

Table Global BDO-PTMEG-Spandex Manufacturing Base Distribution and Sales Area by Players

Table Players BDO-PTMEG-Spandex Product Types

Figure BDO-PTMEG-Spandex Market Share of Top 3 Players

Figure BDO-PTMEG-Spandex Market Share of Top 5 Players

Table Global BDO-PTMEG-Spandex Sales by Regions (2013-2018)

Table Global BDO-PTMEG-Spandex Sales Market Share by Regions (2013-2018)

Figure Global BDO-PTMEG-Spandex Sales Market Share by Regions (2013-2018)

Figure Global BDO-PTMEG-Spandex Sales Market Share by Regions in 2017

Table Global BDO-PTMEG-Spandex Revenue by Regions (2013-2018)

Table Global BDO-PTMEG-Spandex Revenue Market Share by Regions (2013-2018)

Figure Global BDO-PTMEG-Spandex Revenue Market Share by Regions (2013-2018)

Figure Global BDO-PTMEG-Spandex Revenue Market Share by Regions in 2017

Table Global BDO-PTMEG-Spandex Sales by Type (2013-2018)

Table Global BDO-PTMEG-Spandex Sales Market Share by Type (2013-2018)

Figure Global BDO-PTMEG-Spandex Sales Market Share by Type (2013-2018)

Figure Global BDO-PTMEG-Spandex Sales Market Share by Type in 2017

Table Global BDO-PTMEG-Spandex Revenue by Type (2013-2018)

Table Global BDO-PTMEG-Spandex Revenue Market Share by Type (2013-2018)

Figure Global BDO-PTMEG-Spandex Revenue Market Share by Type (2013-2018)

Figure Global BDO-PTMEG-Spandex Revenue Market Share by Type in 2017

Table Global BDO-PTMEG-Spandex Price by Type (2013-2018)

Table Global BDO-PTMEG-Spandex Sales by Application (2013-2018)

Figure Global BDO-PTMEG-Spandex Sales Market Share by Application in 2017

Table Global BDO-PTMEG-Spandex Sales Market Share by Application (2013-2018)

Figure Global BDO-PTMEG-Spandex Sales Market Share by Application (2013-2018)

Table Global BDO-PTMEG-Spandex Sales, Revenue, Price and Gross Margin (2013-2018)

Table North America Top 5 Players BDO-PTMEG-Spandex Sales in 2016 and 2017

Table North America Top 5 Players BDO-PTMEG-Spandex Sales Market Share (%) in 2016 and 2017

Figure North America Top 5 Players BDO-PTMEG-Spandex Sales Share in 2016

Figure North America Top 5 Players BDO-PTMEG-Spandex Sales Share in 2017

Table North America Top 5 Players BDO-PTMEG-Spandex Revenue in 2016 and 2017
Table North America Top 5 Players BDO-PTMEG-Spandex Revenue Market Share (%) in 2016 and 2017

Figure North America Top 5 Players BDO-PTMEG-Spandex Revenue Share in 2016

Figure North America Top 5 Players BDO-PTMEG-Spandex Revenue Share in 2017

Table North America BDO-PTMEG-Spandex Sales by Type (2013-2018)

Figure 2017 North America BDO-PTMEG-Spandex Sales Market Share by Type

Table North America BDO-PTMEG-Spandex Sales Market Share by Type (2013-2018)

Figure North America BDO-PTMEG-Spandex Sales Market Share by Type (2013-2018)

Table North America BDO-PTMEG-Spandex Revenue by Type (2013-2018)

Figure North America BDO-PTMEG-Spandex Revenue Market Share by Type in 2017

Table North America BDO-PTMEG-Spandex Revenue Market Share by Type (2013-2018)

Figure North America BDO-PTMEG-Spandex Revenue Market Share by Type (2013-2018)

Table North America BDO-PTMEG-Spandex Price by Type (2013-2018)

Table North America BDO-PTMEG-Spandex Sales by Application (2013-2018)

Figure North America BDO-PTMEG-Spandex Sales by Application in 2017

Table North America BDO-PTMEG-Spandex Sales Market Share by Application (2013-2018)

Figure North America BDO-PTMEG-Spandex Sales Market Share by Application (2013-2018)

Table North America BDO-PTMEG-Spandex Sales by Country (2013-2018)

Figure 2017 North America BDO-PTMEG-Spandex Sales Market Share by Country

Table North America BDO-PTMEG-Spandex Sales Market Share by Country (2013-2018)

Figure North America BDO-PTMEG-Spandex Sales Market Share by Country (2013-2018)

Table North America BDO-PTMEG-Spandex Import & Export (2013-2018)

Table Europe Top 5 Players BDO-PTMEG-Spandex Sales in 2016 and 2017

Table Europe Top 5 Players BDO-PTMEG-Spandex Sales Market Share (%) in 2016 and 2017

Figure Europe Top 5 Players BDO-PTMEG-Spandex Sales Share in 2016

Figure Europe Top 5 Players BDO-PTMEG-Spandex Sales Share in 2017

Table Europe Top 5 Players BDO-PTMEG-Spandex Revenue in 2016 and 2017

Table Europe Top 5 Players BDO-PTMEG-Spandex Revenue Market Share (%) in 2016 and 2017

Figure Europe Top 5 Players BDO-PTMEG-Spandex Revenue Share in 2016

Figure Europe Top 5 Players BDO-PTMEG-Spandex Revenue Share in 2017

Table Europe BDO-PTMEG-Spandex Sales by Type (2013-2018)
Figure 2017 Europe BDO-PTMEG-Spandex Sales Market Share by Type
Table Europe BDO-PTMEG-Spandex Sales Market Share by Type (2013-2018)
Figure Europe BDO-PTMEG-Spandex Sales Market Share by Type (2013-2018)
Table Europe BDO-PTMEG-Spandex Revenue by Type (2013-2018)
Figure Europe BDO-PTMEG-Spandex Revenue Market Share by Type in 2017
Table Europe BDO-PTMEG-Spandex Revenue Market Share by Type (2013-2018)
Figure Europe BDO-PTMEG-Spandex Revenue Market Share by Type (2013-2018)
Table Europe BDO-PTMEG-Spandex Price by Type (2013-2018)
Table Europe BDO-PTMEG-Spandex Sales by Application (2013-2018)
Figure Europe BDO-PTMEG-Spandex Sales Market Share by Application in 2017
Table Europe BDO-PTMEG-Spandex Sales Market Share by Application (2013-2018)
Figure Europe BDO-PTMEG-Spandex Sales Market Share by Application (2013-2018)
Table Europe BDO-PTMEG-Spandex Sales by Country (2013-2018)
Figure Europe BDO-PTMEG-Spandex Sales Market Share by Country in 2017
Table Europe BDO-PTMEG-Spandex Sales Market Share by Country (2013-2018)
Figure Europe BDO-PTMEG-Spandex Sales Market Share by Country (2013-2018)
Table Europe BDO-PTMEG-Spandex Import & Export (2013-2018)
Table Asia-Pacific Top 5 Players BDO-PTMEG-Spandex Sales in 2016 and 2017
Table Asia-Pacific Top 5 Players BDO-PTMEG-Spandex Sales Market Share (%) in 2016 and 2017
Figure Asia-Pacific Top 5 Players BDO-PTMEG-Spandex Sales Share in 2016
Figure Asia-Pacific Top 5 Players BDO-PTMEG-Spandex Sales Share in 2017
Table Asia-Pacific Top 5 Players BDO-PTMEG-Spandex Revenue in 2016 and 2017
Table Asia-Pacific Top 5 Players BDO-PTMEG-Spandex Revenue Market Share (%) in 2016 and 2017
Figure Asia-Pacific Top 5 Players BDO-PTMEG-Spandex Revenue Share in 2016
Figure Asia-Pacific Top 5 Players BDO-PTMEG-Spandex Revenue Share in 2017
Table Asia-Pacific BDO-PTMEG-Spandex Sales by Type (2013-2018)
Figure Asia-Pacific BDO-PTMEG-Spandex Sales Market Share by Type in 2017
Table Asia-Pacific BDO-PTMEG-Spandex Sales Market Share by Type (2013-2018)
Figure Asia-Pacific BDO-PTMEG-Spandex Sales Market Share by Type (2013-2018)
Table Asia-Pacific BDO-PTMEG-Spandex Revenue by Type (2013-2018)
Table Asia-Pacific BDO-PTMEG-Spandex Revenue Market Share by Type (2013-2018)
Figure Asia-Pacific BDO-PTMEG-Spandex Revenue Market Share by Type (2013-2018)
Figure Asia-Pacific BDO-PTMEG-Spandex Revenue Market Share by Type in 2017
Table Asia-Pacific BDO-PTMEG-Spandex Price by Type (2013-2018)
Table Asia-Pacific BDO-PTMEG-Spandex Sales by Application (2013-2018)

Figure Asia-Pacific BDO-PTMEG-Spandex Sales by Application in 2017
Table Asia-Pacific BDO-PTMEG-Spandex Sales Market Share by Application (2013-2018)
Figure Asia-Pacific BDO-PTMEG-Spandex Sales Market Share by Application (2013-2018)
Table Asia-Pacific BDO-PTMEG-Spandex Sales by Country (2013-2018)
Figure Asia-Pacific BDO-PTMEG-Spandex Sales Market Share by Country in 2017
Table Asia-Pacific BDO-PTMEG-Spandex Sales Market Share by Country (2013-2018)
Figure Asia-Pacific BDO-PTMEG-Spandex Sales Market Share by Country (2013-2018)
Table Asia-Pacific BDO-PTMEG-Spandex Import & Export (2013-2018)
Table South America Top 5 Players BDO-PTMEG-Spandex Sales in 2016 and 2017
Table South America Top 5 Players BDO-PTMEG-Spandex Sales Market Share (%) in 2016 and 2017
Figure South America Top 5 Players BDO-PTMEG-Spandex Sales Share in 2016
Figure South America Top 5 Players BDO-PTMEG-Spandex Sales Share in 2017
Table South America Top 5 Players BDO-PTMEG-Spandex Revenue in 2016 and 2017
Table South America Top 5 Players BDO-PTMEG-Spandex Revenue Market Share (%) in 2016 and 2017
Figure South America Top 5 Players BDO-PTMEG-Spandex Revenue Share in 2016
Figure South America Top 5 Players BDO-PTMEG-Spandex Revenue Share in 2017
Table South America BDO-PTMEG-Spandex Sales by Type (2013-2018)
Figure South America BDO-PTMEG-Spandex Sales by Type in 2017
Table South America BDO-PTMEG-Spandex Sales Market Share by Type (2013-2018)
Figure South America BDO-PTMEG-Spandex Sales Market Share by Type (2013-2018)
Table South America BDO-PTMEG-Spandex Revenue by Type (2013-2018)
Figure South America BDO-PTMEG-Spandex Revenue by Type in 2017
Table South America BDO-PTMEG-Spandex Revenue Market Share by Type (2013-2018)
Figure South America BDO-PTMEG-Spandex Revenue Market Share by Type (2013-2018)
Table South America BDO-PTMEG-Spandex Price by Type (2013-2018)
Table South America BDO-PTMEG-Spandex Sales by Application (2013-2018)
Figure South America BDO-PTMEG-Spandex Sales by Application in 2017
Table South America BDO-PTMEG-Spandex Sales Market Share by Application (2013-2018)
Figure South America BDO-PTMEG-Spandex Sales Market Share by Application (2013-2018)
Table South America BDO-PTMEG-Spandex Sales by Country (2013-2018)
Figure South America BDO-PTMEG-Spandex Sales by Country in 2017

Table South America BDO-PTMEG-Spandex Sales Market Share by Country (2013-2018)

Figure South America BDO-PTMEG-Spandex Sales Market Share by Country (2013-2018)

Table South America BDO-PTMEG-Spandex Import & Export (2013-2018)

Table Middle East & Africa Top 5 Players BDO-PTMEG-Spandex Sales in 2016 and 2017

Table Middle East & Africa Top 5 Players BDO-PTMEG-Spandex Sales Market Share (%) in 2016 and 2017

Figure Middle East & Africa Top 5 Players BDO-PTMEG-Spandex Sales Share in 2016

Figure Middle East & Africa Top 5 Players BDO-PTMEG-Spandex Sales Share in 2017

Table Middle East & Africa Top 5 Players BDO-PTMEG-Spandex Revenue in 2016 and 2017

Table Middle East & Africa Top 5 Players BDO-PTMEG-Spandex Revenue Market Share (%) in 2016 and 2017

Figure Middle East & Africa Top 5 Players BDO-PTMEG-Spandex Revenue Share in 2016

Figure Middle East & Africa Top 5 Players BDO-PTMEG-Spandex Revenue Share in 2017

Table Middle East & Africa BDO-PTMEG-Spandex Sales by Type (2013-2018)

Figure Middle East & Africa BDO-PTMEG-Spandex Sales by Type in 2017

Table Middle East & Africa BDO-PTMEG-Spandex Sales Market Share by Type (2013-2018)

Figure Middle East & Africa BDO-PTMEG-Spandex Sales Market Share by Type (2013-2018)

Table Middle East & Africa BDO-PTMEG-Spandex Revenue by Type (2013-2018)

Figure Middle East & Africa BDO-PTMEG-Spandex Revenue by Type in 2017

Table Middle East & Africa BDO-PTMEG-Spandex Revenue Market Share by Type (2013-2018)

Figure Middle East & Africa BDO-PTMEG-Spandex Revenue Market Share by Type (2013-2018)

Table Middle East & Africa BDO-PTMEG-Spandex Price by Type (2013-2018)

Table Middle East & Africa BDO-PTMEG-Spandex Sales by Application (2013-2018)

Figure Middle East & Africa BDO-PTMEG-Spandex Sales by Application in 2017

Table Middle East & Africa BDO-PTMEG-Spandex Sales Market Share by Application (2013-2018)

Figure Middle East & Africa BDO-PTMEG-Spandex Sales Market Share by Application (2013-2018)

Table Middle East & Africa BDO-PTMEG-Spandex Sales by Country (2013-2018)

Figure Middle East & Africa BDO-PTMEG-Spandex Sales by Country in 2017

Table Middle East & Africa BDO-PTMEG-Spandex Sales Market Share by Country (2013-2018)

Figure Middle East & Africa BDO-PTMEG-Spandex Sales Market Share by Country (2013-2018)

Table Middle East & Africa BDO-PTMEG-Spandex Import & Export (2013-2018)

Table Dairen Chemicals Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Dairen Chemicals BDO-PTMEG-Spandex Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Dairen Chemicals BDO-PTMEG-Spandex Market Share (2013-2018)

Table Shanxi Sanwei Group Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Shanxi Sanwei Group BDO-PTMEG-Spandex Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Shanxi Sanwei Group BDO-PTMEG-Spandex Market Share (2013-2018)

Table Ashland BASF Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Ashland BASF BDO-PTMEG-Spandex Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Ashland BASF BDO-PTMEG-Spandex Market Share (2013-2018)

Table LyondellBasell Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table LyondellBasell BDO-PTMEG-Spandex Sales, Revenue, Price and Gross Margin (2013-2018)

Figure LyondellBasell BDO-PTMEG-Spandex Market Share (2013-2018)

Table DuPont Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table DuPont BDO-PTMEG-Spandex Sales, Revenue, Price and Gross Margin (2013-2018)

Figure DuPont BDO-PTMEG-Spandex Market Share (2013-2018)

Table Invista Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Invista BDO-PTMEG-Spandex Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Invista BDO-PTMEG-Spandex Market Share (2013-2018)

Figure Global BDO-PTMEG-Spandex Sales and Growth Rate Forecast (2018-2023)

Figure Global BDO-PTMEG-Spandex Revenue and Growth Rate Forecast (2018-2023)

Table Global BDO-PTMEG-Spandex Sales Forecast by Regions (2018-2023)

Table Global BDO-PTMEG-Spandex Sales Market Share Forecast by Regions (2018-2023)

Table Global BDO-PTMEG-Spandex Sales Forecast by Type (2018-2023)
Table Global BDO-PTMEG-Spandex Sales Market Share Forecast by Type (2018-2023)
Table Global BDO-PTMEG-Spandex Sales Forecast by Application (2018-2023)
Table Global BDO-PTMEG-Spandex Sales Market Share Forecast by Application (2018-2023)
Table Sales Base and Market Concentration Rate of Raw Material
Figure Price Trend of Key Raw Materials
Table Key Suppliers of Raw Materials
Figure Manufacturing Cost Structure of BDO-PTMEG-Spandex
Figure Manufacturing Process Analysis of BDO-PTMEG-Spandex
Figure BDO-PTMEG-Spandex Industrial Chain Analysis
Table Raw Materials Sources of BDO-PTMEG-Spandex Major Players in 2017
Table Major Buyers of BDO-PTMEG-Spandex
Table Distributors/Traders List

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