

# Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) BDO-PTMEG-Spandex Market 2018, Forecast to 2023

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## Abstracts

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  $25^\circ$ . 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.

### Scope of the Report:

This report focuses on the BDO-PTMEG-Spandex in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

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.

The worldwide market for BDO-PTMEG-Spandex is expected to grow at a CAGR of roughly 4.8% over the next five years, will reach 5310 million US\$ in 2023, from 4200 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Dairen Chemicals

Shanxi Sanwei Group

Ashland BASF

LyondellBasell

DuPont

Invista

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

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

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

South America (Brazil, Argentina, Colombia etc.)

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

Market Segment by Type, covers

Polyurethane

GBL

polybutylene terephthalate

tetrahydrofuran

solvents

Market Segment by Applications, can be divided into

Automotive

Hygiene

Textiles

There are 15 Chapters to deeply display the global BDO-PTMEG-Spandex market.

Chapter 1, to describe BDO-PTMEG-Spandex Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of BDO-PTMEG-Spandex, with sales, revenue, and price of BDO-PTMEG-Spandex, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of BDO-PTMEG-Spandex, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, BDO-PTMEG-Spandex market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe BDO-PTMEG-Spandex sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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