

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Polycarbonate Diol Market 2018, Forecast to 2023

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Abstracts

Polycarbonate diol (PCD) is a kind of polyol chemical materials, with two ends -OH functional group molecular, and molecular weight ranges from hundreds to thousands. Its molecular chain contains aliphatic alkyl and carbonate repeat unit, chemical property resemble aliphatic polyester and polyether polyol rather than general polycarbonate materials. Polycarbonate diol usually used for the synthesis of urethane resin, acrylic resin, polyester resin and other materials. It can also be used as polyurethane-based coating formulations synthetic leather, inside decorative material of the car, smart phone, computer and other products, providing an extreme durability and a high performance to the final polymer.

Polycarbonate diols provide significantly enhanced hydrolytic stability, impact resistance, hardness, and chemical resistance, comparing with other polyester polyol. Polycarbonate-polyurethane products enhanced UV resistance, excellent resistance to oils and fuels, and better abrasion resistance and tensile and tear strength compared to polyether-based polyurethane products.

SCOPE OF THE REPORT:

This report focuses on the Polycarbonate Diol 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. Due to technical barriers, the polycarbonate diol industry has a rather high dispersion. Around 61.28% of the market share is covered by the four leading player named UBE Chemical, TOSOH, Bayer and AsahiKASEI. Ube Industries set up polycarbonate diol facility in Thailand that started production in 2015 and AsahiKASEI built polycarbonate diol plant in China which it markets as Duranol in 2013.



In 2016, the global polycarbonate diol consumption market is led by Asia-Pacific, capturing about 51.08% of global share. Europe is the second-largest regionwise market with 23.33% global consumption share.

Polycarbonate diol is an intermediate used in high-performance polyurethanes (PUs). It is increasingly well-known and used for a wide range of polyurethane coatings, adhesives and elastomers. Globally, the polycarbonate diol market is mainly driven by growing demand for polyurethane elastomers, which accounts for nearly 43.59% of total downstream consumption of polycarbonate diol in global.

On the basis of our research and analysis, manufacturers from Japan and Europe are the major leaders in the international market of polycarbonate diol. Manufacturers from China are immature in technology. There is large space in the China market, as well as big gap between international brands and local brands on price. With the development of Chinese polycarbonate diol production technology, their share in the global market is increasing, and competitiveness in the global market gradually increases.

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

Market Segment by Manufacturers, this report covers

UBE Chemical

TOSOH

Bayer

AsahiKASEI

Perstorp

Caffaro Industrie

Cromogenia-Units

Baiqing Materials

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

Solid PCD

Liquid PCD

Market Segment by Applications, can be divided into

Polyurethane Elastomers

Polyurethane Adhesives

Polyurethane Coating

Others

There are 15 Chapters to deeply display the global Polycarbonate Diol market.

Chapter 1, to describe Polycarbonate Diol Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Polycarbonate Diol, with sales, revenue, and price of Polycarbonate Diol, 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 Polycarbonate Diol, 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, Polycarbonate Diol market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Polycarbonate Diol sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source



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