

# Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G9C1F9794F14EN.html>

Date: October 2023

Pages: 117

Price: US\$ 3,480.00 (Single User License)

ID: G9C1F9794F14EN

## Abstracts

According to our (Global Info Research) latest study, the global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) market size was valued at USD 138 million in 2022 and is forecast to a readjusted size of USD 220.8 million by 2029 with a CAGR of 6.9% during review period.

Global key players of 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) include Mitsubishi Chemical, Hebei Haili Evergreen New Materials, Shifeng Technology and Tsaker New Energy Tech, etc. The top five players hold a share about 60%. Asia-Pacific is the largest market, has a share about 50%. In terms of product type, ?99.5% is the largest segment, occupied for a share of about 85%, and in terms of application, Polyimide Synthesis has a share about 90 percent.

The Global Info Research report includes an overview of the development of the 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) industry chain, the market status of Polyimide Synthesis (Above99.5%, Below99.5%), Others (Above99.5%, Below99.5%), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA).

Regionally, the report analyzes the 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

## Key Features:

The report presents comprehensive understanding of the 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (Tons), revenue generated, and market share of different by Type (e.g., Above99.5%, Below99.5%).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) market.

**Regional Analysis:** The report involves examining the 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA):

**Company Analysis:** Report covers individual 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Polyimide Synthesis, Others).

**Technology Analysis:** Report covers specific technologies relevant to 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA). It assesses the current state, advancements, and potential future developments in 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

### Market Segmentation

3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

#### Market segment by Type

%||%Above99.5%

%||%Below99.5%

#### Market segment by Application

%||%Polyimide Synthesis

%||%Others

#### Major players covered

%II%Mitsubishi Chemical

%II%Shifeng Technology

%II%Actylis

%II%VIVAN Life Sciences

%II%Hebei Haili Evergreen New Materials

%II%Tsaker New Energy Tech

%II%?????????

%II%Hubei Shishun Biological

%II%Chinatech (Tianjin) Chemical

%II%Shanghai Zhengyou Chemical

%II%Vesino Industrial

%II%Henan Daken Chemical

%II%Jinan Haihang Industry

%II%China Qingdao Hong Jin Chemical

%II%Jinan Xinggao Chemical

Market segment by region, regional analysis covers

%II%North America (United States, Canada and Mexico)

%II%Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

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

%II%South America (Brazil, Argentina, Colombia, and Rest of South America)

%II%Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA), with price, sales, revenue and global market share of 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) from 2018 to 2023.

Chapter 3, the 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022.and 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA).

Chapter 14 and 15, to describe 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope of 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value by Type: 2018 Versus 2022 Versus 2029

1.3.2 Above99.5%

1.3.3 Below99.5%

1.4 Market Analysis by Application

1.4.1 Overview: Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 Polyimide Synthesis

1.4.3 Others

1.5 Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Market Size & Forecast

1.5.1 Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value (2018 & 2022 & 2029)

1.5.2 Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity (2018-2029)

1.5.3 Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Average Price (2018-2029)

### 2 MANUFACTURERS PROFILES

2.1 Mitsubishi Chemical

2.1.1 Mitsubishi Chemical Details

2.1.2 Mitsubishi Chemical Major Business

2.1.3 Mitsubishi Chemical 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services

2.1.4 Mitsubishi Chemical 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 Mitsubishi Chemical Recent Developments/Updates

2.2 Shifeng Technology

2.2.1 Shifeng Technology Details

2.2.2 Shifeng Technology Major Business

- 2.2.3 Shifeng Technology 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services
- 2.2.4 Shifeng Technology 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.2.5 Shifeng Technology Recent Developments/Updates
- 2.3 Actylis
  - 2.3.1 Actylis Details
  - 2.3.2 Actylis Major Business
  - 2.3.3 Actylis 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services
  - 2.3.4 Actylis 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.3.5 Actylis Recent Developments/Updates
- 2.4 VIVAN Life Sciences
  - 2.4.1 VIVAN Life Sciences Details
  - 2.4.2 VIVAN Life Sciences Major Business
  - 2.4.3 VIVAN Life Sciences 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services
  - 2.4.4 VIVAN Life Sciences 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.4.5 VIVAN Life Sciences Recent Developments/Updates
- 2.5 Hebei Haili Evergreen New Materials
  - 2.5.1 Hebei Haili Evergreen New Materials Details
  - 2.5.2 Hebei Haili Evergreen New Materials Major Business
  - 2.5.3 Hebei Haili Evergreen New Materials 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services
  - 2.5.4 Hebei Haili Evergreen New Materials 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.5.5 Hebei Haili Evergreen New Materials Recent Developments/Updates
- 2.6 Tsaker New Energy Tech
  - 2.6.1 Tsaker New Energy Tech Details
  - 2.6.2 Tsaker New Energy Tech Major Business
  - 2.6.3 Tsaker New Energy Tech 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services
  - 2.6.4 Tsaker New Energy Tech 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.6.5 Tsaker New Energy Tech Recent Developments/Updates
- 2.7 ??????????

- 2.7.1 ?????????? Details
- 2.7.2 ?????????? Major Business
- 2.7.3 ?????????? 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services
- 2.7.4 ?????????? 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.7.5 ?????????? Recent Developments/Updates
- 2.8 Hubei Shishun Biological
  - 2.8.1 Hubei Shishun Biological Details
  - 2.8.2 Hubei Shishun Biological Major Business
  - 2.8.3 Hubei Shishun Biological 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services
  - 2.8.4 Hubei Shishun Biological 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.8.5 Hubei Shishun Biological Recent Developments/Updates
- 2.9 Chinatech (Tianjin) Chemical
  - 2.9.1 Chinatech (Tianjin) Chemical Details
  - 2.9.2 Chinatech (Tianjin) Chemical Major Business
  - 2.9.3 Chinatech (Tianjin) Chemical 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services
  - 2.9.4 Chinatech (Tianjin) Chemical 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.9.5 Chinatech (Tianjin) Chemical Recent Developments/Updates
- 2.10 Shanghai Zhengyou Chemical
  - 2.10.1 Shanghai Zhengyou Chemical Details
  - 2.10.2 Shanghai Zhengyou Chemical Major Business
  - 2.10.3 Shanghai Zhengyou Chemical 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services
  - 2.10.4 Shanghai Zhengyou Chemical 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.10.5 Shanghai Zhengyou Chemical Recent Developments/Updates
- 2.11 Vesino Industrial
  - 2.11.1 Vesino Industrial Details
  - 2.11.2 Vesino Industrial Major Business
  - 2.11.3 Vesino Industrial 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services
  - 2.11.4 Vesino Industrial 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales



Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.11.5 Vesino Industrial Recent Developments/Updates

2.12 Henan Daken Chemical

2.12.1 Henan Daken Chemical Details

2.12.2 Henan Daken Chemical Major Business

2.12.3 Henan Daken Chemical 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)

Product and Services

2.12.4 Henan Daken Chemical 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)

Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.12.5 Henan Daken Chemical Recent Developments/Updates

2.13 Jinan Haihang Industry

2.13.1 Jinan Haihang Industry Details

2.13.2 Jinan Haihang Industry Major Business

2.13.3 Jinan Haihang Industry 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)

Product and Services

2.13.4 Jinan Haihang Industry 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)

Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.13.5 Jinan Haihang Industry Recent Developments/Updates

2.14 China Qingdao Hong Jin Chemical

2.14.1 China Qingdao Hong Jin Chemical Details

2.14.2 China Qingdao Hong Jin Chemical Major Business

2.14.3 China Qingdao Hong Jin Chemical 3,3',4,4'-Biphenyl Tetracarboxylic

Dianhydride(BPDA) Product and Services

2.14.4 China Qingdao Hong Jin Chemical 3,3',4,4'-Biphenyl Tetracarboxylic

Dianhydride(BPDA) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.14.5 China Qingdao Hong Jin Chemical Recent Developments/Updates

2.15 Jinan Xinggao Chemical

2.15.1 Jinan Xinggao Chemical Details

2.15.2 Jinan Xinggao Chemical Major Business

2.15.3 Jinan Xinggao Chemical 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)

Product and Services

2.15.4 Jinan Xinggao Chemical 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)

Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.15.5 Jinan Xinggao Chemical Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: 3,3',4,4'-BIPHENYL TETRACARBOXYLIC DIANHYDRIDE(BPDA) BY MANUFACTURER**

3.1 Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Manufacturer (2018-2023)

3.2 Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Revenue by Manufacturer (2018-2023)

3.3 Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Manufacturer Market Share in 2022

3.4.2 Top 6 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Manufacturer Market Share in 2022

3.5 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Market: Overall Company Footprint Analysis

3.5.1 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Market: Region Footprint

3.5.2 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Market: Company Product Type Footprint

3.5.3 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

## **4 CONSUMPTION ANALYSIS BY REGION**

4.1 Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Market Size by Region

4.1.1 Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Region (2018-2029)

4.1.2 Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value by Region (2018-2029)

4.1.3 Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Average Price by Region (2018-2029)

4.2 North America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value (2018-2029)

4.3 Europe 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value (2018-2029)

4.4 Asia-Pacific 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value (2018-2029)

4.5 South America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption

Value (2018-2029)

4.6 Middle East and Africa 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)

Consumption Value (2018-2029)

## **5 MARKET SEGMENT BY TYPE**

5.1 Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Type (2018-2029)

5.2 Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value by Type (2018-2029)

5.3 Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Average Price by Type (2018-2029)

## **6 MARKET SEGMENT BY APPLICATION**

6.1 Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Application (2018-2029)

6.2 Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value by Application (2018-2029)

6.3 Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Average Price by Application (2018-2029)

## **7 NORTH AMERICA**

7.1 North America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Type (2018-2029)

7.2 North America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Application (2018-2029)

7.3 North America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Market Size by Country

7.3.1 North America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Country (2018-2029)

7.3.2 North America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

## **8 EUROPE**

8.1 Europe 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Type (2018-2029)

8.2 Europe 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Application (2018-2029)

8.3 Europe 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Market Size by Country

8.3.1 Europe 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Country (2018-2029)

8.3.2 Europe 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Market Size by Region

9.3.1 Asia-Pacific 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

## **10 SOUTH AMERICA**

10.1 South America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales

Quantity by Type (2018-2029)

10.2 South America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales

Quantity by Application (2018-2029)

10.3 South America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Market Size by Country

10.3.1 South America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales

Quantity by Country (2018-2029)

10.3.2 South America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)

Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

## 11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales

Quantity by Type (2018-2029)

11.2 Middle East & Africa 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales

Quantity by Application (2018-2029)

11.3 Middle East & Africa 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Market Size by Country

11.3.1 Middle East & Africa 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)

Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

## 12 MARKET DYNAMICS

12.1 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Market Drivers

12.2 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Market Restraints

12.3 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

#### 12.4.5 Competitive Rivalry

### **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) and Key Manufacturers

13.2 Manufacturing Costs Percentage of 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)

13.3 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Production Process

13.4 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Industrial Chain

### **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Typical Distributors

14.3 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Typical Customers

### **15 RESEARCH FINDINGS AND CONCLUSION**

### **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Mitsubishi Chemical Basic Information, Manufacturing Base and Competitors

Table 4. Mitsubishi Chemical Major Business

Table 5. Mitsubishi Chemical 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services

Table 6. Mitsubishi Chemical 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Mitsubishi Chemical Recent Developments/Updates

Table 8. Shifeng Technology Basic Information, Manufacturing Base and Competitors

Table 9. Shifeng Technology Major Business

Table 10. Shifeng Technology 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services

Table 11. Shifeng Technology 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Shifeng Technology Recent Developments/Updates

Table 13. Actylis Basic Information, Manufacturing Base and Competitors

Table 14. Actylis Major Business

Table 15. Actylis 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services

Table 16. Actylis 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Actylis Recent Developments/Updates

Table 18. VIVAN Life Sciences Basic Information, Manufacturing Base and Competitors

Table 19. VIVAN Life Sciences Major Business

Table 20. VIVAN Life Sciences 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services

Table 21. VIVAN Life Sciences 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. VIVAN Life Sciences Recent Developments/Updates

Table 23. Hebei Haili Evergreen New Materials Basic Information, Manufacturing Base and Competitors

Table 24. Hebei Haili Evergreen New Materials Major Business

Table 25. Hebei Haili Evergreen New Materials 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services

Table 26. Hebei Haili Evergreen New Materials 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Hebei Haili Evergreen New Materials Recent Developments/Updates

Table 28. Tsaker New Energy Tech Basic Information, Manufacturing Base and Competitors

Table 29. Tsaker New Energy Tech Major Business

Table 30. Tsaker New Energy Tech 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services

Table 31. Tsaker New Energy Tech 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Tsaker New Energy Tech Recent Developments/Updates

Table 33. ????????? Basic Information, Manufacturing Base and Competitors

Table 34. ????????? Major Business

Table 35. ????????? 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services

Table 36. ????????? 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. ????????? Recent Developments/Updates

Table 38. Hubei Shishun Biological Basic Information, Manufacturing Base and Competitors

Table 39. Hubei Shishun Biological Major Business

Table 40. Hubei Shishun Biological 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services

Table 41. Hubei Shishun Biological 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Hubei Shishun Biological Recent Developments/Updates

Table 43. Chinatech (Tianjin) Chemical Basic Information, Manufacturing Base and Competitors

Table 44. Chinatech (Tianjin) Chemical Major Business



Table 45. Chinatech (Tianjin) Chemical 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services

Table 46. Chinatech (Tianjin) Chemical 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Chinatech (Tianjin) Chemical Recent Developments/Updates

Table 48. Shanghai Zhengyou Chemical Basic Information, Manufacturing Base and Competitors

Table 49. Shanghai Zhengyou Chemical Major Business

Table 50. Shanghai Zhengyou Chemical 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services

Table 51. Shanghai Zhengyou Chemical 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. Shanghai Zhengyou Chemical Recent Developments/Updates

Table 53. Vesino Industrial Basic Information, Manufacturing Base and Competitors

Table 54. Vesino Industrial Major Business

Table 55. Vesino Industrial 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services

Table 56. Vesino Industrial 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. Vesino Industrial Recent Developments/Updates

Table 58. Henan Daken Chemical Basic Information, Manufacturing Base and Competitors

Table 59. Henan Daken Chemical Major Business

Table 60. Henan Daken Chemical 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services

Table 61. Henan Daken Chemical 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. Henan Daken Chemical Recent Developments/Updates

Table 63. Jinan Haihang Industry Basic Information, Manufacturing Base and Competitors

Table 64. Jinan Haihang Industry Major Business

Table 65. Jinan Haihang Industry 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services

Table 66. Jinan Haihang Industry 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin

and Market Share (2018-2023)

Table 67. Jinan Haihang Industry Recent Developments/Updates

Table 68. China Qingdao Hong Jin Chemical Basic Information, Manufacturing Base and Competitors

Table 69. China Qingdao Hong Jin Chemical Major Business

Table 70. China Qingdao Hong Jin Chemical 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services

Table 71. China Qingdao Hong Jin Chemical 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. China Qingdao Hong Jin Chemical Recent Developments/Updates

Table 73. Jinan Xinggao Chemical Basic Information, Manufacturing Base and Competitors

Table 74. Jinan Xinggao Chemical Major Business

Table 75. Jinan Xinggao Chemical 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Product and Services

Table 76. Jinan Xinggao Chemical 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity (Tons), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Jinan Xinggao Chemical Recent Developments/Updates

Table 78. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Manufacturer (2018-2023) & (Tons)

Table 79. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Revenue by Manufacturer (2018-2023) & (USD Million)

Table 80. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Average Price by Manufacturer (2018-2023) & (US\$/Kg)

Table 81. Market Position of Manufacturers in 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA), (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 82. Head Office and 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Production Site of Key Manufacturer

Table 83. 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Market: Company Product Type Footprint

Table 84. 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Market: Company Product Application Footprint

Table 85. 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) New Market Entrants and Barriers to Market Entry

Table 86. 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Mergers, Acquisition, Agreements, and Collaborations

Table 87. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity

by Region (2018-2023) & (Tons)

Table 88. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Region (2024-2029) & (Tons)

Table 89. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value by Region (2018-2023) & (USD Million)

Table 90. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value by Region (2024-2029) & (USD Million)

Table 91. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Average Price by Region (2018-2023) & (US\$/Kg)

Table 92. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Average Price by Region (2024-2029) & (US\$/Kg)

Table 93. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Type (2018-2023) & (Tons)

Table 94. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Type (2024-2029) & (Tons)

Table 95. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value by Type (2018-2023) & (USD Million)

Table 96. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value by Type (2024-2029) & (USD Million)

Table 97. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Average Price by Type (2018-2023) & (US\$/Kg)

Table 98. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Average Price by Type (2024-2029) & (US\$/Kg)

Table 99. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Application (2018-2023) & (Tons)

Table 100. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Application (2024-2029) & (Tons)

Table 101. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value by Application (2018-2023) & (USD Million)

Table 102. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value by Application (2024-2029) & (USD Million)

Table 103. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Average Price by Application (2018-2023) & (US\$/Kg)

Table 104. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Average Price by Application (2024-2029) & (US\$/Kg)

Table 105. North America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Type (2018-2023) & (Tons)

Table 106. North America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Type (2024-2029) & (Tons)

Table 107. North America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Application (2018-2023) & (Tons)

Table 108. North America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Application (2024-2029) & (Tons)

Table 109. North America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Country (2018-2023) & (Tons)

Table 110. North America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Country (2024-2029) & (Tons)

Table 111. North America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value by Country (2018-2023) & (USD Million)

Table 112. North America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value by Country (2024-2029) & (USD Million)

Table 113. Europe 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Type (2018-2023) & (Tons)

Table 114. Europe 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Type (2024-2029) & (Tons)

Table 115. Europe 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Application (2018-2023) & (Tons)

Table 116. Europe 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Application (2024-2029) & (Tons)

Table 117. Europe 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Country (2018-2023) & (Tons)

Table 118. Europe 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Country (2024-2029) & (Tons)

Table 119. Europe 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value by Country (2018-2023) & (USD Million)

Table 120. Europe 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value by Country (2024-2029) & (USD Million)

Table 121. Asia-Pacific 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Type (2018-2023) & (Tons)

Table 122. Asia-Pacific 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Type (2024-2029) & (Tons)

Table 123. Asia-Pacific 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Application (2018-2023) & (Tons)

Table 124. Asia-Pacific 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Application (2024-2029) & (Tons)

Table 125. Asia-Pacific 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity by Region (2018-2023) & (Tons)

Table 126. Asia-Pacific 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales

Quantity by Region (2024-2029) & (Tons)

Table 127. Asia-Pacific 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)

Consumption Value by Region (2018-2023) & (USD Million)

Table 128. Asia-Pacific 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)

Consumption Value by Region (2024-2029) & (USD Million)

Table 129. South America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales  
Quantity by Type (2018-2023) & (Tons)

Table 130. South America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales  
Quantity by Type (2024-2029) & (Tons)

Table 131. South America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales  
Quantity by Application (2018-2023) & (Tons)

Table 132. South America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales  
Quantity by Application (2024-2029) & (Tons)

Table 133. South America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales  
Quantity by Country (2018-2023) & (Tons)

Table 134. South America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales  
Quantity by Country (2024-2029) & (Tons)

Table 135. South America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)  
Consumption Value by Country (2018-2023) & (USD Million)

Table 136. South America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)  
Consumption Value by Country (2024-2029) & (USD Million)

Table 137. Middle East & Africa 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)  
Sales Quantity by Type (2018-2023) & (Tons)

Table 138. Middle East & Africa 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)  
Sales Quantity by Type (2024-2029) & (Tons)

Table 139. Middle East & Africa 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)  
Sales Quantity by Application (2018-2023) & (Tons)

Table 140. Middle East & Africa 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)  
Sales Quantity by Application (2024-2029) & (Tons)

Table 141. Middle East & Africa 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)  
Sales Quantity by Region (2018-2023) & (Tons)

Table 142. Middle East & Africa 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)  
Sales Quantity by Region (2024-2029) & (Tons)

Table 143. Middle East & Africa 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)  
Consumption Value by Region (2018-2023) & (USD Million)

Table 144. Middle East & Africa 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)  
Consumption Value by Region (2024-2029) & (USD Million)

Table 145. 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Raw Material

Table 146. Key Manufacturers of 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)

## Raw Materials

Table 147. 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Typical Distributors

Table 148. 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Picture
- Figure 2. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 3. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value Market Share by Type in 2022
- Figure 4. Above99.5% Examples
- Figure 5. Below99.5% Examples
- Figure 6. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 7. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value Market Share by Application in 2022
- Figure 8. Polyimide Synthesis Examples
- Figure 9. Others Examples
- Figure 10. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value, (USD Million): 2018 & 2022 & 2029
- Figure 11. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value and Forecast (2018-2029) & (USD Million)
- Figure 12. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity (2018-2029) & (Tons)
- Figure 13. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Average Price (2018-2029) & (US\$/Kg)
- Figure 14. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity Market Share by Manufacturer in 2022
- Figure 15. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value Market Share by Manufacturer in 2022
- Figure 16. Producer Shipments of 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021
- Figure 17. Top 3 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Manufacturer (Consumption Value) Market Share in 2022
- Figure 18. Top 6 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Manufacturer (Consumption Value) Market Share in 2022
- Figure 19. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity Market Share by Region (2018-2029)
- Figure 20. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value Market Share by Region (2018-2029)

Figure 21. North America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value (2018-2029) & (USD Million)

Figure 22. Europe 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value (2018-2029) & (USD Million)

Figure 23. Asia-Pacific 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value (2018-2029) & (USD Million)

Figure 24. South America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value (2018-2029) & (USD Million)

Figure 25. Middle East & Africa 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value (2018-2029) & (USD Million)

Figure 26. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity Market Share by Type (2018-2029)

Figure 27. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value Market Share by Type (2018-2029)

Figure 28. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Average Price by Type (2018-2029) & (US\$/Kg)

Figure 29. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity Market Share by Application (2018-2029)

Figure 30. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value Market Share by Application (2018-2029)

Figure 31. Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Average Price by Application (2018-2029) & (US\$/Kg)

Figure 32. North America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity Market Share by Type (2018-2029)

Figure 33. North America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity Market Share by Application (2018-2029)

Figure 34. North America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity Market Share by Country (2018-2029)

Figure 35. North America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value Market Share by Country (2018-2029)

Figure 36. United States 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 37. Canada 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 38. Mexico 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 39. Europe 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity Market Share by Type (2018-2029)

Figure 40. Europe 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity



Market Share by Application (2018-2029)

Figure 41. Europe 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity Market Share by Country (2018-2029)

Figure 42. Europe 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value Market Share by Country (2018-2029)

Figure 43. Germany 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 44. France 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 45. United Kingdom 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. Russia 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. Italy 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. Asia-Pacific 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity Market Share by Type (2018-2029)

Figure 49. Asia-Pacific 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity Market Share by Application (2018-2029)

Figure 50. Asia-Pacific 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity Market Share by Region (2018-2029)

Figure 51. Asia-Pacific 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value Market Share by Region (2018-2029)

Figure 52. China 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Japan 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 54. Korea 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. India 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Southeast Asia 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Australia 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. South America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity Market Share by Type (2018-2029)

Figure 59. South America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity Market Share by Application (2018-2029)

Figure 60. South America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity Market Share by Country (2018-2029)

Figure 61. South America 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value Market Share by Country (2018-2029)

Figure 62. Brazil 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 63. Argentina 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 64. Middle East & Africa 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity Market Share by Type (2018-2029)

Figure 65. Middle East & Africa 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity Market Share by Application (2018-2029)

Figure 66. Middle East & Africa 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Sales Quantity Market Share by Region (2018-2029)

Figure 67. Middle East & Africa 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value Market Share by Region (2018-2029)

Figure 68. Turkey 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 69. Egypt 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 70. Saudi Arabia 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 71. South Africa 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Market Drivers

Figure 73. 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Market Restraints

Figure 74. 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Market Trends

Figure 75. Porters Five Forces Analysis

Figure 76. Manufacturing Cost Structure Analysis of 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) in 2022

Figure 77. Manufacturing Process Analysis of 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA)

Figure 78. 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Industrial Chain

Figure 79. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 80. Direct Channel Pros & Cons

Figure 81. Indirect Channel Pros & Cons

Figure 82. Methodology

Figure 83. Research Process and Data Source

## I would like to order

Product name: Global 3,3',4,4'-Biphenyl Tetracarboxylic Dianhydride(BPDA) Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G9C1F9794F14EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G9C1F9794F14EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

