

Global Electronic Grade 11B Enriched Boron Trifluoride Market Growth 2026-2032

<https://marketpublishers.com/r/G66636990892EN.html>

Date: August 2026

Pages: 108

Price: US\$ 3,660.00 (Single User License)

ID: G66636990892EN

Abstracts

The global Electronic Grade 11B Enriched Boron Trifluoride market size is predicted to grow from US\$ 92.66 million in 2025 to US\$ 170 million in 2032; it is expected to grow at a CAGR of 9.2% from 2026 to 2032.

11B Enriched Boron Trifluoride is a colorless gas with a pungent odor. In the semiconductor industry, the purity of boron trifluoride 11 is extremely high, usually reaching more than 99.99% (i.e. 4N purity) to meet the needs of high-end chip manufacturing.

Electronic Grade 11B Enriched Boron Trifluoride (11BF₃) is an important special gas material with a wide range of applications in semiconductor manufacturing and microelectronics industries. Boron trifluoride 11 is a key material in the ion implantation process, used to precisely control the distribution of doping elements during chip manufacturing, thereby improving the performance and stability of the chip. It is widely used in industries such as high-density microelectronic chips and high-performance semiconductors. Boron trifluoride 11 also plays an important role in the production process of new display technologies such as OLED panels. It helps to improve the performance and stability of the panel and enhance the display effect.

In recent years, with the rapid development of the domestic semiconductor industry, the demand for high-end specialty gases such as electronic-grade boron trifluoride 11 has continued to grow. Domestic companies have increased their investment in research and development, broken through key technical barriers, and realized the domestic production of electronic-grade boron trifluoride 11. At present, some companies have successfully realized the industrial production of electronic-grade boron trifluoride 11 and broke the international monopoly.

In the international market, the production technology of high-end specialty gases such as electronic-grade boron trifluoride 11 is still in the hands of a few developed countries. However, with the transfer and upgrading of the global semiconductor industry, more and more countries and regions have begun to pay attention to the research and development and production of high-end specialty gases, and market competition is becoming increasingly fierce.

LP Information, Inc. (LPI) ' newest research report, the "Electronic Grade 11B Enriched Boron Trifluoride Industry Forecast" looks at past sales and reviews total world Electronic Grade 11B Enriched Boron Trifluoride sales in 2025, providing a comprehensive analysis by region and market sector of projected Electronic Grade 11B Enriched Boron Trifluoride sales for 2026 through 2032. With Electronic Grade 11B Enriched Boron Trifluoride sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Electronic Grade 11B Enriched Boron Trifluoride industry.

This Insight Report provides a comprehensive analysis of the global Electronic Grade 11B Enriched Boron Trifluoride landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Electronic Grade 11B Enriched Boron Trifluoride portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Electronic Grade 11B Enriched Boron Trifluoride market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Electronic Grade 11B Enriched Boron Trifluoride and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Electronic Grade 11B Enriched Boron Trifluoride.

This report presents a comprehensive overview, market shares, and growth opportunities of Electronic Grade 11B Enriched Boron Trifluoride market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Purity: >99.99%

Purity: >99.999%

Segmentation by Application:

Ion Implantation

Doping

Epitaxy

Diffusion

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

3M

NUKEM Isotopes

Linde Gases

Yamanaka Advanced Materials , Inc

Air Liquide

Entegris

Shandong HEYI Gas Co., Ltd.??

Shandong Chengwu Yixin Environmental Protection Technology Co., Ltd

Matheson

Messer

Spectra Investors

SIAD

Z-Quik

Shandong Zhongshan Photoelectric Materials Co., Ltd.

Key Questions Addressed in this Report

What is the 10-year outlook for the global Electronic Grade 11B Enriched Boron Trifluoride market?

What factors are driving Electronic Grade 11B Enriched Boron Trifluoride market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Electronic Grade 11B Enriched Boron Trifluoride market opportunities vary by end market size?

How does Electronic Grade 11B Enriched Boron Trifluoride break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global Electronic Grade 11B Enriched Boron Trifluoride Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for Electronic Grade 11B Enriched Boron Trifluoride by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for Electronic Grade 11B Enriched Boron Trifluoride by Country/Region, 2021, 2025 & 2032

2.2 Electronic Grade 11B Enriched Boron Trifluoride Segment by Type

- 2.2.1 Purity: >99.99%
- 2.2.2 Purity: >99.999%
- 2.2.3 Electronic Grade 11B Enriched Boron Trifluoride Sales by Type
 - 2.2.3.1 Global Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share by Type (2021-2026)
 - 2.2.3.2 Global Electronic Grade 11B Enriched Boron Trifluoride Revenue and Market Share by Type (2021-2026)
 - 2.2.3.3 Global Electronic Grade 11B Enriched Boron Trifluoride Sale Price by Type (2021-2026)

2.3 Electronic Grade 11B Enriched Boron Trifluoride Segment by Application

- 2.3.1 Ion Implantation
- 2.3.2 Doping
- 2.3.3 Epitaxy
- 2.3.4 Diffusion
- 2.3.5 Others
- 2.3.6 Electronic Grade 11B Enriched Boron Trifluoride Sales by Application
 - 2.3.6.1 Global Electronic Grade 11B Enriched Boron Trifluoride Sale Market Share by

Application (2021-2026)

2.3.6.2 Global Electronic Grade 11B Enriched Boron Trifluoride Revenue and Market Share by Application (2021-2026)

2.3.6.3 Global Electronic Grade 11B Enriched Boron Trifluoride Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Electronic Grade 11B Enriched Boron Trifluoride Breakdown Data by Company

3.1.1 Global Electronic Grade 11B Enriched Boron Trifluoride Annual Sales by Company (2021-2026)

3.1.2 Global Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share by Company (2021-2026)

3.2 Global Electronic Grade 11B Enriched Boron Trifluoride Annual Revenue by Company (2021-2026)

3.2.1 Global Electronic Grade 11B Enriched Boron Trifluoride Revenue by Company (2021-2026)

3.2.2 Global Electronic Grade 11B Enriched Boron Trifluoride Revenue Market Share by Company (2021-2026)

3.3 Global Electronic Grade 11B Enriched Boron Trifluoride Sale Price by Company

3.4 Key Manufacturers Electronic Grade 11B Enriched Boron Trifluoride Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Electronic Grade 11B Enriched Boron Trifluoride Product Location Distribution

3.4.2 Players Electronic Grade 11B Enriched Boron Trifluoride Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR ELECTRONIC GRADE 11B ENRICHED BORON TRIFLUORIDE BY GEOGRAPHIC REGION

4.1 World Historic Electronic Grade 11B Enriched Boron Trifluoride Market Size by Geographic Region (2021-2026)

4.1.1 Global Electronic Grade 11B Enriched Boron Trifluoride Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Electronic Grade 11B Enriched Boron Trifluoride Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Electronic Grade 11B Enriched Boron Trifluoride Market Size by Country/Region (2021-2026)

4.2.1 Global Electronic Grade 11B Enriched Boron Trifluoride Annual Sales by Country/Region (2021-2026)

4.2.2 Global Electronic Grade 11B Enriched Boron Trifluoride Annual Revenue by Country/Region (2021-2026)

4.3 Americas Electronic Grade 11B Enriched Boron Trifluoride Sales Growth

4.4 APAC Electronic Grade 11B Enriched Boron Trifluoride Sales Growth

4.5 Europe Electronic Grade 11B Enriched Boron Trifluoride Sales Growth

4.6 Middle East & Africa Electronic Grade 11B Enriched Boron Trifluoride Sales Growth

5 AMERICAS

5.1 Americas Electronic Grade 11B Enriched Boron Trifluoride Sales by Country

5.1.1 Americas Electronic Grade 11B Enriched Boron Trifluoride Sales by Country (2021-2026)

5.1.2 Americas Electronic Grade 11B Enriched Boron Trifluoride Revenue by Country (2021-2026)

5.2 Americas Electronic Grade 11B Enriched Boron Trifluoride Sales by Type (2021-2026)

5.3 Americas Electronic Grade 11B Enriched Boron Trifluoride Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Electronic Grade 11B Enriched Boron Trifluoride Sales by Region

6.1.1 APAC Electronic Grade 11B Enriched Boron Trifluoride Sales by Region (2021-2026)

6.1.2 APAC Electronic Grade 11B Enriched Boron Trifluoride Revenue by Region (2021-2026)

6.2 APAC Electronic Grade 11B Enriched Boron Trifluoride Sales by Type (2021-2026)

6.3 APAC Electronic Grade 11B Enriched Boron Trifluoride Sales by Application (2021-2026)

- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Electronic Grade 11B Enriched Boron Trifluoride by Country
 - 7.1.1 Europe Electronic Grade 11B Enriched Boron Trifluoride Sales by Country (2021-2026)
 - 7.1.2 Europe Electronic Grade 11B Enriched Boron Trifluoride Revenue by Country (2021-2026)
- 7.2 Europe Electronic Grade 11B Enriched Boron Trifluoride Sales by Type (2021-2026)
- 7.3 Europe Electronic Grade 11B Enriched Boron Trifluoride Sales by Application (2021-2026)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Electronic Grade 11B Enriched Boron Trifluoride by Country
 - 8.1.1 Middle East & Africa Electronic Grade 11B Enriched Boron Trifluoride Sales by Country (2021-2026)
 - 8.1.2 Middle East & Africa Electronic Grade 11B Enriched Boron Trifluoride Revenue by Country (2021-2026)
- 8.2 Middle East & Africa Electronic Grade 11B Enriched Boron Trifluoride Sales by Type (2021-2026)
- 8.3 Middle East & Africa Electronic Grade 11B Enriched Boron Trifluoride Sales by Application (2021-2026)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Electronic Grade 11B Enriched Boron Trifluoride

10.3 Manufacturing Process Analysis of Electronic Grade 11B Enriched Boron Trifluoride

10.4 Industry Chain Structure of Electronic Grade 11B Enriched Boron Trifluoride

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Electronic Grade 11B Enriched Boron Trifluoride Distributors

11.3 Electronic Grade 11B Enriched Boron Trifluoride Customer

12 WORLD FORECAST REVIEW FOR ELECTRONIC GRADE 11B ENRICHED BORON TRIFLUORIDE BY GEOGRAPHIC REGION

12.1 Global Electronic Grade 11B Enriched Boron Trifluoride Market Size Forecast by Region

12.1.1 Global Electronic Grade 11B Enriched Boron Trifluoride Forecast by Region (2027-2032)

12.1.2 Global Electronic Grade 11B Enriched Boron Trifluoride Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Electronic Grade 11B Enriched Boron Trifluoride Forecast by Type

(2027-2032)

12.7 Global Electronic Grade 11B Enriched Boron Trifluoride Forecast by Application
(2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 3M

13.1.1 3M Company Information

13.1.2 3M Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

13.1.3 3M Electronic Grade 11B Enriched Boron Trifluoride Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 3M Main Business Overview

13.1.5 3M Latest Developments

13.2 NUKEM Isotopes

13.2.1 NUKEM Isotopes Company Information

13.2.2 NUKEM Isotopes Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

13.2.3 NUKEM Isotopes Electronic Grade 11B Enriched Boron Trifluoride Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 NUKEM Isotopes Main Business Overview

13.2.5 NUKEM Isotopes Latest Developments

13.3 Linde Gases

13.3.1 Linde Gases Company Information

13.3.2 Linde Gases Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

13.3.3 Linde Gases Electronic Grade 11B Enriched Boron Trifluoride Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 Linde Gases Main Business Overview

13.3.5 Linde Gases Latest Developments

13.4 Yamanaka Advanced Materials , Inc

13.4.1 Yamanaka Advanced Materials , Inc Company Information

13.4.2 Yamanaka Advanced Materials , Inc Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

13.4.3 Yamanaka Advanced Materials , Inc Electronic Grade 11B Enriched Boron Trifluoride Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 Yamanaka Advanced Materials , Inc Main Business Overview

13.4.5 Yamanaka Advanced Materials , Inc Latest Developments

13.5 Air Liquide

- 13.5.1 Air Liquide Company Information
- 13.5.2 Air Liquide Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications
- 13.5.3 Air Liquide Electronic Grade 11B Enriched Boron Trifluoride Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.5.4 Air Liquide Main Business Overview
- 13.5.5 Air Liquide Latest Developments
- 13.6 Entegris
 - 13.6.1 Entegris Company Information
 - 13.6.2 Entegris Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications
 - 13.6.3 Entegris Electronic Grade 11B Enriched Boron Trifluoride Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.6.4 Entegris Main Business Overview
 - 13.6.5 Entegris Latest Developments
- 13.7 Shandong HEYI Gas Co., Ltd.??
 - 13.7.1 Shandong HEYI Gas Co., Ltd.?? Company Information
 - 13.7.2 Shandong HEYI Gas Co., Ltd.?? Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications
 - 13.7.3 Shandong HEYI Gas Co., Ltd.?? Electronic Grade 11B Enriched Boron Trifluoride Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.7.4 Shandong HEYI Gas Co., Ltd.?? Main Business Overview
 - 13.7.5 Shandong HEYI Gas Co., Ltd.?? Latest Developments
- 13.8 Shandong Chengwu Yixin Environmental Protection Technology Co., Ltd
 - 13.8.1 Shandong Chengwu Yixin Environmental Protection Technology Co., Ltd Company Information
 - 13.8.2 Shandong Chengwu Yixin Environmental Protection Technology Co., Ltd Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications
 - 13.8.3 Shandong Chengwu Yixin Environmental Protection Technology Co., Ltd Electronic Grade 11B Enriched Boron Trifluoride Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.8.4 Shandong Chengwu Yixin Environmental Protection Technology Co., Ltd Main Business Overview
 - 13.8.5 Shandong Chengwu Yixin Environmental Protection Technology Co., Ltd Latest Developments
- 13.9 Matheson
 - 13.9.1 Matheson Company Information
 - 13.9.2 Matheson Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

13.9.3 Matheson Electronic Grade 11B Enriched Boron Trifluoride Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Matheson Main Business Overview

13.9.5 Matheson Latest Developments

13.10 Messer

13.10.1 Messer Company Information

13.10.2 Messer Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

13.10.3 Messer Electronic Grade 11B Enriched Boron Trifluoride Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 Messer Main Business Overview

13.10.5 Messer Latest Developments

13.11 Spectra Investors

13.11.1 Spectra Investors Company Information

13.11.2 Spectra Investors Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

13.11.3 Spectra Investors Electronic Grade 11B Enriched Boron Trifluoride Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 Spectra Investors Main Business Overview

13.11.5 Spectra Investors Latest Developments

13.12 SIAD

13.12.1 SIAD Company Information

13.12.2 SIAD Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

13.12.3 SIAD Electronic Grade 11B Enriched Boron Trifluoride Sales, Revenue, Price and Gross Margin (2021-2026)

13.12.4 SIAD Main Business Overview

13.12.5 SIAD Latest Developments

13.13 Z-Quik

13.13.1 Z-Quik Company Information

13.13.2 Z-Quik Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

13.13.3 Z-Quik Electronic Grade 11B Enriched Boron Trifluoride Sales, Revenue, Price and Gross Margin (2021-2026)

13.13.4 Z-Quik Main Business Overview

13.13.5 Z-Quik Latest Developments

13.14 Shandong Zhongshan Photoelectric Materials Co., Ltd.

13.14.1 Shandong Zhongshan Photoelectric Materials Co., Ltd. Company Information

13.14.2 Shandong Zhongshan Photoelectric Materials Co., Ltd. Electronic Grade 11B

Enriched Boron Trifluoride Product Portfolios and Specifications

13.14.3 Shandong Zhongshan Photoelectric Materials Co., Ltd. Electronic Grade 11B Enriched Boron Trifluoride Sales, Revenue, Price and Gross Margin (2021-2026)

13.14.4 Shandong Zhongshan Photoelectric Materials Co., Ltd. Main Business Overview

13.14.5 Shandong Zhongshan Photoelectric Materials Co., Ltd. Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Electronic Grade 11B Enriched Boron Trifluoride Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Electronic Grade 11B Enriched Boron Trifluoride Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Purity: >99.99%

Table 4. Major Players of Purity: >99.999%

Table 5. Global Electronic Grade 11B Enriched Boron Trifluoride Sales by Type (2021-2026) & (Tons)

Table 6. Global Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share by Type (2021-2026)

Table 7. Global Electronic Grade 11B Enriched Boron Trifluoride Revenue by Type (2021-2026) & (\$ million)

Table 8. Global Electronic Grade 11B Enriched Boron Trifluoride Revenue Market Share by Type (2021-2026)

Table 9. Global Electronic Grade 11B Enriched Boron Trifluoride Sale Price by Type (2021-2026) & (US\$/Ton)

Table 10. Global Electronic Grade 11B Enriched Boron Trifluoride Sale by Application (2021-2026) & (Tons)

Table 11. Global Electronic Grade 11B Enriched Boron Trifluoride Sale Market Share by Application (2021-2026)

Table 12. Global Electronic Grade 11B Enriched Boron Trifluoride Revenue by Application (2021-2026) & (\$ million)

Table 13. Global Electronic Grade 11B Enriched Boron Trifluoride Revenue Market Share by Application (2021-2026)

Table 14. Global Electronic Grade 11B Enriched Boron Trifluoride Sale Price by Application (2021-2026) & (US\$/Ton)

Table 15. Global Electronic Grade 11B Enriched Boron Trifluoride Sales by Company (2021-2026) & (Tons)

Table 16. Global Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share by Company (2021-2026)

Table 17. Global Electronic Grade 11B Enriched Boron Trifluoride Revenue by Company (2021-2026) & (\$ millions)

Table 18. Global Electronic Grade 11B Enriched Boron Trifluoride Revenue Market Share by Company (2021-2026)

Table 19. Global Electronic Grade 11B Enriched Boron Trifluoride Sale Price by

Company (2021-2026) & (US\$/Ton)

Table 20. Key Manufacturers Electronic Grade 11B Enriched Boron Trifluoride
Producing Area Distribution and Sales Area

Table 21. Players Electronic Grade 11B Enriched Boron Trifluoride Products Offered

Table 22. Electronic Grade 11B Enriched Boron Trifluoride Concentration Ratio (CR3,
CR5 and CR10) & (2024-2026)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global Electronic Grade 11B Enriched Boron Trifluoride Sales by Geographic
Region (2021-2026) & (Tons)

Table 26. Global Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share
Geographic Region (2021-2026)

Table 27. Global Electronic Grade 11B Enriched Boron Trifluoride Revenue by
Geographic Region (2021-2026) & (\$ millions)

Table 28. Global Electronic Grade 11B Enriched Boron Trifluoride Revenue Market
Share by Geographic Region (2021-2026)

Table 29. Global Electronic Grade 11B Enriched Boron Trifluoride Sales by
Country/Region (2021-2026) & (Tons)

Table 30. Global Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share
by Country/Region (2021-2026)

Table 31. Global Electronic Grade 11B Enriched Boron Trifluoride Revenue by
Country/Region (2021-2026) & (\$ millions)

Table 32. Global Electronic Grade 11B Enriched Boron Trifluoride Revenue Market
Share by Country/Region (2021-2026)

Table 33. Americas Electronic Grade 11B Enriched Boron Trifluoride Sales by Country
(2021-2026) & (Tons)

Table 34. Americas Electronic Grade 11B Enriched Boron Trifluoride Sales Market
Share by Country (2021-2026)

Table 35. Americas Electronic Grade 11B Enriched Boron Trifluoride Revenue by
Country (2021-2026) & (\$ millions)

Table 36. Americas Electronic Grade 11B Enriched Boron Trifluoride Sales by Type
(2021-2026) & (Tons)

Table 37. Americas Electronic Grade 11B Enriched Boron Trifluoride Sales by
Application (2021-2026) & (Tons)

Table 38. APAC Electronic Grade 11B Enriched Boron Trifluoride Sales by Region
(2021-2026) & (Tons)

Table 39. APAC Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share
by Region (2021-2026)

Table 40. APAC Electronic Grade 11B Enriched Boron Trifluoride Revenue by Region

(2021-2026) & (\$ millions)

Table 41. APAC Electronic Grade 11B Enriched Boron Trifluoride Sales by Type
(2021-2026) & (Tons)

Table 42. APAC Electronic Grade 11B Enriched Boron Trifluoride Sales by Application
(2021-2026) & (Tons)

Table 43. Europe Electronic Grade 11B Enriched Boron Trifluoride Sales by Country
(2021-2026) & (Tons)

Table 44. Europe Electronic Grade 11B Enriched Boron Trifluoride Revenue by Country
(2021-2026) & (\$ millions)

Table 45. Europe Electronic Grade 11B Enriched Boron Trifluoride Sales by Type
(2021-2026) & (Tons)

Table 46. Europe Electronic Grade 11B Enriched Boron Trifluoride Sales by Application
(2021-2026) & (Tons)

Table 47. Middle East & Africa Electronic Grade 11B Enriched Boron Trifluoride Sales
by Country (2021-2026) & (Tons)

Table 48. Middle East & Africa Electronic Grade 11B Enriched Boron Trifluoride
Revenue Market Share by Country (2021-2026)

Table 49. Middle East & Africa Electronic Grade 11B Enriched Boron Trifluoride Sales
by Type (2021-2026) & (Tons)

Table 50. Middle East & Africa Electronic Grade 11B Enriched Boron Trifluoride Sales
by Application (2021-2026) & (Tons)

Table 51. Key Market Drivers & Growth Opportunities of Electronic Grade 11B Enriched
Boron Trifluoride

Table 52. Key Market Challenges & Risks of Electronic Grade 11B Enriched Boron
Trifluoride

Table 53. Key Industry Trends of Electronic Grade 11B Enriched Boron Trifluoride

Table 54. Electronic Grade 11B Enriched Boron Trifluoride Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Electronic Grade 11B Enriched Boron Trifluoride Distributors List

Table 57. Electronic Grade 11B Enriched Boron Trifluoride Customer List

Table 58. Global Electronic Grade 11B Enriched Boron Trifluoride Sales Forecast by
Region (2027-2032) & (Tons)

Table 59. Global Electronic Grade 11B Enriched Boron Trifluoride Revenue Forecast by
Region (2027-2032) & (\$ millions)

Table 60. Americas Electronic Grade 11B Enriched Boron Trifluoride Sales Forecast by
Country (2027-2032) & (Tons)

Table 61. Americas Electronic Grade 11B Enriched Boron Trifluoride Annual Revenue
Forecast by Country (2027-2032) & (\$ millions)

Table 62. APAC Electronic Grade 11B Enriched Boron Trifluoride Sales Forecast by

Region (2027-2032) & (Tons)

Table 63. APAC Electronic Grade 11B Enriched Boron Trifluoride Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 64. Europe Electronic Grade 11B Enriched Boron Trifluoride Sales Forecast by Country (2027-2032) & (Tons)

Table 65. Europe Electronic Grade 11B Enriched Boron Trifluoride Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 66. Middle East & Africa Electronic Grade 11B Enriched Boron Trifluoride Sales Forecast by Country (2027-2032) & (Tons)

Table 67. Middle East & Africa Electronic Grade 11B Enriched Boron Trifluoride Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 68. Global Electronic Grade 11B Enriched Boron Trifluoride Sales Forecast by Type (2027-2032) & (Tons)

Table 69. Global Electronic Grade 11B Enriched Boron Trifluoride Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 70. Global Electronic Grade 11B Enriched Boron Trifluoride Sales Forecast by Application (2027-2032) & (Tons)

Table 71. Global Electronic Grade 11B Enriched Boron Trifluoride Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 72. 3M Basic Information, Electronic Grade 11B Enriched Boron Trifluoride Manufacturing Base, Sales Area and Its Competitors

Table 73. 3M Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

Table 74. 3M Electronic Grade 11B Enriched Boron Trifluoride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 75. 3M Main Business

Table 76. 3M Latest Developments

Table 77. NUKEM Isotopes Basic Information, Electronic Grade 11B Enriched Boron Trifluoride Manufacturing Base, Sales Area and Its Competitors

Table 78. NUKEM Isotopes Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

Table 79. NUKEM Isotopes Electronic Grade 11B Enriched Boron Trifluoride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 80. NUKEM Isotopes Main Business

Table 81. NUKEM Isotopes Latest Developments

Table 82. Linde Gases Basic Information, Electronic Grade 11B Enriched Boron Trifluoride Manufacturing Base, Sales Area and Its Competitors

Table 83. Linde Gases Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

Table 84. Linde Gases Electronic Grade 11B Enriched Boron Trifluoride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 85. Linde Gases Main Business

Table 86. Linde Gases Latest Developments

Table 87. Yamanaka Advanced Materials , Inc Basic Information, Electronic Grade 11B Enriched Boron Trifluoride Manufacturing Base, Sales Area and Its Competitors

Table 88. Yamanaka Advanced Materials , Inc Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

Table 89. Yamanaka Advanced Materials , Inc Electronic Grade 11B Enriched Boron Trifluoride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 90. Yamanaka Advanced Materials , Inc Main Business

Table 91. Yamanaka Advanced Materials , Inc Latest Developments

Table 92. Air Liquide Basic Information, Electronic Grade 11B Enriched Boron Trifluoride Manufacturing Base, Sales Area and Its Competitors

Table 93. Air Liquide Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

Table 94. Air Liquide Electronic Grade 11B Enriched Boron Trifluoride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 95. Air Liquide Main Business

Table 96. Air Liquide Latest Developments

Table 97. Entegris Basic Information, Electronic Grade 11B Enriched Boron Trifluoride Manufacturing Base, Sales Area and Its Competitors

Table 98. Entegris Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

Table 99. Entegris Electronic Grade 11B Enriched Boron Trifluoride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 100. Entegris Main Business

Table 101. Entegris Latest Developments

Table 102. Shandong HEYI Gas Co., Ltd.?? Basic Information, Electronic Grade 11B Enriched Boron Trifluoride Manufacturing Base, Sales Area and Its Competitors

Table 103. Shandong HEYI Gas Co., Ltd.?? Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

Table 104. Shandong HEYI Gas Co., Ltd.?? Electronic Grade 11B Enriched Boron Trifluoride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 105. Shandong HEYI Gas Co., Ltd.?? Main Business

Table 106. Shandong HEYI Gas Co., Ltd.?? Latest Developments

Table 107. Shandong Chengwu Yixin Environmental Protection Technology Co., Ltd

Basic Information, Electronic Grade 11B Enriched Boron Trifluoride Manufacturing Base, Sales Area and Its Competitors

Table 108. Shandong Chengwu Yixin Environmental Protection Technology Co., Ltd Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

Table 109. Shandong Chengwu Yixin Environmental Protection Technology Co., Ltd Electronic Grade 11B Enriched Boron Trifluoride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 110. Shandong Chengwu Yixin Environmental Protection Technology Co., Ltd Main Business

Table 111. Shandong Chengwu Yixin Environmental Protection Technology Co., Ltd Latest Developments

Table 112. Matheson Basic Information, Electronic Grade 11B Enriched Boron Trifluoride Manufacturing Base, Sales Area and Its Competitors

Table 113. Matheson Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

Table 114. Matheson Electronic Grade 11B Enriched Boron Trifluoride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 115. Matheson Main Business

Table 116. Matheson Latest Developments

Table 117. Messer Basic Information, Electronic Grade 11B Enriched Boron Trifluoride Manufacturing Base, Sales Area and Its Competitors

Table 118. Messer Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

Table 119. Messer Electronic Grade 11B Enriched Boron Trifluoride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 120. Messer Main Business

Table 121. Messer Latest Developments

Table 122. Spectra Investors Basic Information, Electronic Grade 11B Enriched Boron Trifluoride Manufacturing Base, Sales Area and Its Competitors

Table 123. Spectra Investors Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

Table 124. Spectra Investors Electronic Grade 11B Enriched Boron Trifluoride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 125. Spectra Investors Main Business

Table 126. Spectra Investors Latest Developments

Table 127. SIAD Basic Information, Electronic Grade 11B Enriched Boron Trifluoride Manufacturing Base, Sales Area and Its Competitors

Table 128. SIAD Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

Table 129. SIAD Electronic Grade 11B Enriched Boron Trifluoride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 130. SIAD Main Business

Table 131. SIAD Latest Developments

Table 132. Z-Quik Basic Information, Electronic Grade 11B Enriched Boron Trifluoride Manufacturing Base, Sales Area and Its Competitors

Table 133. Z-Quik Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

Table 134. Z-Quik Electronic Grade 11B Enriched Boron Trifluoride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 135. Z-Quik Main Business

Table 136. Z-Quik Latest Developments

Table 137. Shandong Zhongshan Photoelectric Materials Co., Ltd. Basic Information, Electronic Grade 11B Enriched Boron Trifluoride Manufacturing Base, Sales Area and Its Competitors

Table 138. Shandong Zhongshan Photoelectric Materials Co., Ltd. Electronic Grade 11B Enriched Boron Trifluoride Product Portfolios and Specifications

Table 139. Shandong Zhongshan Photoelectric Materials Co., Ltd. Electronic Grade 11B Enriched Boron Trifluoride Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 140. Shandong Zhongshan Photoelectric Materials Co., Ltd. Main Business

Table 141. Shandong Zhongshan Photoelectric Materials Co., Ltd. Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Electronic Grade 11B Enriched Boron Trifluoride

Figure 2. Electronic Grade 11B Enriched Boron Trifluoride Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Electronic Grade 11B Enriched Boron Trifluoride Sales Growth Rate 2021-2032 (Tons)

Figure 7. Global Electronic Grade 11B Enriched Boron Trifluoride Revenue Growth Rate 2021-2032 (\$ millions)

Figure 8. Electronic Grade 11B Enriched Boron Trifluoride Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Figure 9. Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share by Country/Region (2025)

Figure 10. Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share by Country/Region (2021, 2025 & 2032)

Figure 11. Product Picture of Purity: >99.99%

Figure 12. Product Picture of Purity: >99.999%

Figure 13. Global Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share by Type in 2026

Figure 14. Global Electronic Grade 11B Enriched Boron Trifluoride Revenue Market Share by Type (2021-2026)

Figure 15. Electronic Grade 11B Enriched Boron Trifluoride Consumed in Ion Implantation

Figure 16. Global Electronic Grade 11B Enriched Boron Trifluoride Market: Ion Implantation (2021-2026) & (Tons)

Figure 17. Electronic Grade 11B Enriched Boron Trifluoride Consumed in Doping

Figure 18. Global Electronic Grade 11B Enriched Boron Trifluoride Market: Doping (2021-2026) & (Tons)

Figure 19. Electronic Grade 11B Enriched Boron Trifluoride Consumed in Epitaxy

Figure 20. Global Electronic Grade 11B Enriched Boron Trifluoride Market: Epitaxy (2021-2026) & (Tons)

Figure 21. Electronic Grade 11B Enriched Boron Trifluoride Consumed in Diffusion

Figure 22. Global Electronic Grade 11B Enriched Boron Trifluoride Market: Diffusion (2021-2026) & (Tons)

Figure 23. Electronic Grade 11B Enriched Boron Trifluoride Consumed in Others

Figure 24. Global Electronic Grade 11B Enriched Boron Trifluoride Market: Others (2021-2026) & (Tons)

Figure 25. Global Electronic Grade 11B Enriched Boron Trifluoride Sale Market Share by Application (2025)

Figure 26. Global Electronic Grade 11B Enriched Boron Trifluoride Revenue Market Share by Application in 2026

Figure 27. Electronic Grade 11B Enriched Boron Trifluoride Sales by Company in 2026 (Tons)

Figure 28. Global Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share by Company in 2026

Figure 29. Electronic Grade 11B Enriched Boron Trifluoride Revenue by Company in 2026 (\$ millions)

Figure 30. Global Electronic Grade 11B Enriched Boron Trifluoride Revenue Market Share by Company in 2026

Figure 31. Global Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share by Geographic Region (2021-2026)

Figure 32. Global Electronic Grade 11B Enriched Boron Trifluoride Revenue Market Share by Geographic Region in 2026

Figure 33. Americas Electronic Grade 11B Enriched Boron Trifluoride Sales 2021-2026 (Tons)

Figure 34. Americas Electronic Grade 11B Enriched Boron Trifluoride Revenue 2021-2026 (\$ millions)

Figure 35. APAC Electronic Grade 11B Enriched Boron Trifluoride Sales 2021-2026 (Tons)

Figure 36. APAC Electronic Grade 11B Enriched Boron Trifluoride Revenue 2021-2026 (\$ millions)

Figure 37. Europe Electronic Grade 11B Enriched Boron Trifluoride Sales 2021-2026 (Tons)

Figure 38. Europe Electronic Grade 11B Enriched Boron Trifluoride Revenue 2021-2026 (\$ millions)

Figure 39. Middle East & Africa Electronic Grade 11B Enriched Boron Trifluoride Sales 2021-2026 (Tons)

Figure 40. Middle East & Africa Electronic Grade 11B Enriched Boron Trifluoride Revenue 2021-2026 (\$ millions)

Figure 41. Americas Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share by Country in 2026

Figure 42. Americas Electronic Grade 11B Enriched Boron Trifluoride Revenue Market Share by Country (2021-2026)

Figure 43. Americas Electronic Grade 11B Enriched Boron Trifluoride Sales Market

Share by Type (2021-2026)

Figure 44. Americas Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share by Application (2021-2026)

Figure 45. United States Electronic Grade 11B Enriched Boron Trifluoride Revenue Growth 2021-2026 (\$ millions)

Figure 46. Canada Electronic Grade 11B Enriched Boron Trifluoride Revenue Growth 2021-2026 (\$ millions)

Figure 47. Mexico Electronic Grade 11B Enriched Boron Trifluoride Revenue Growth 2021-2026 (\$ millions)

Figure 48. Brazil Electronic Grade 11B Enriched Boron Trifluoride Revenue Growth 2021-2026 (\$ millions)

Figure 49. APAC Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share by Region in 2026

Figure 50. APAC Electronic Grade 11B Enriched Boron Trifluoride Revenue Market Share by Region (2021-2026)

Figure 51. APAC Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share by Type (2021-2026)

Figure 52. APAC Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share by Application (2021-2026)

Figure 53. China Electronic Grade 11B Enriched Boron Trifluoride Revenue Growth 2021-2026 (\$ millions)

Figure 54. Japan Electronic Grade 11B Enriched Boron Trifluoride Revenue Growth 2021-2026 (\$ millions)

Figure 55. South Korea Electronic Grade 11B Enriched Boron Trifluoride Revenue Growth 2021-2026 (\$ millions)

Figure 56. Southeast Asia Electronic Grade 11B Enriched Boron Trifluoride Revenue Growth 2021-2026 (\$ millions)

Figure 57. India Electronic Grade 11B Enriched Boron Trifluoride Revenue Growth 2021-2026 (\$ millions)

Figure 58. Australia Electronic Grade 11B Enriched Boron Trifluoride Revenue Growth 2021-2026 (\$ millions)

Figure 59. China Taiwan Electronic Grade 11B Enriched Boron Trifluoride Revenue Growth 2021-2026 (\$ millions)

Figure 60. Europe Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share by Country in 2026

Figure 61. Europe Electronic Grade 11B Enriched Boron Trifluoride Revenue Market Share by Country (2021-2026)

Figure 62. Europe Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share by Type (2021-2026)

Figure 63. Europe Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share by Application (2021-2026)

Figure 64. Germany Electronic Grade 11B Enriched Boron Trifluoride Revenue Growth 2021-2026 (\$ millions)

Figure 65. France Electronic Grade 11B Enriched Boron Trifluoride Revenue Growth 2021-2026 (\$ millions)

Figure 66. UK Electronic Grade 11B Enriched Boron Trifluoride Revenue Growth 2021-2026 (\$ millions)

Figure 67. Italy Electronic Grade 11B Enriched Boron Trifluoride Revenue Growth 2021-2026 (\$ millions)

Figure 68. Russia Electronic Grade 11B Enriched Boron Trifluoride Revenue Growth 2021-2026 (\$ millions)

Figure 69. Middle East & Africa Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share by Country (2021-2026)

Figure 70. Middle East & Africa Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share by Type (2021-2026)

Figure 71. Middle East & Africa Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share by Application (2021-2026)

Figure 72. Egypt Electronic Grade 11B Enriched Boron Trifluoride Revenue Growth 2021-2026 (\$ millions)

Figure 73. South Africa Electronic Grade 11B Enriched Boron Trifluoride Revenue Growth 2021-2026 (\$ millions)

Figure 74. Israel Electronic Grade 11B Enriched Boron Trifluoride Revenue Growth 2021-2026 (\$ millions)

Figure 75. Turkey Electronic Grade 11B Enriched Boron Trifluoride Revenue Growth 2021-2026 (\$ millions)

Figure 76. GCC Countries Electronic Grade 11B Enriched Boron Trifluoride Revenue Growth 2021-2026 (\$ millions)

Figure 77. Manufacturing Cost Structure Analysis of Electronic Grade 11B Enriched Boron Trifluoride in 2026

Figure 78. Manufacturing Process Analysis of Electronic Grade 11B Enriched Boron Trifluoride

Figure 79. Industry Chain Structure of Electronic Grade 11B Enriched Boron Trifluoride

Figure 80. Channels of Distribution

Figure 81. Global Electronic Grade 11B Enriched Boron Trifluoride Sales Market Forecast by Region (2027-2032)

Figure 82. Global Electronic Grade 11B Enriched Boron Trifluoride Revenue Market Share Forecast by Region (2027-2032)

Figure 83. Global Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share

Forecast by Type (2027-2032)

Figure 84. Global Electronic Grade 11B Enriched Boron Trifluoride Revenue Market Share Forecast by Type (2027-2032)

Figure 85. Global Electronic Grade 11B Enriched Boron Trifluoride Sales Market Share Forecast by Application (2027-2032)

Figure 86. Global Electronic Grade 11B Enriched Boron Trifluoride Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Electronic Grade 11B Enriched Boron Trifluoride Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G66636990892EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G66636990892EN.html>