

Gas Diffusion Layer Substrate for Fuel Cell Market - Global Outlook and Forecast 2021-2027

https://marketpublishers.com/r/G19DAD00BED1EN.html

Date: April 2021

Pages: 100

Price: US\$ 3,250.00 (Single User License)

ID: G19DAD00BED1EN

Abstracts

This report contains market size and forecasts of Gas Diffusion Layer Substrate for Fuel Cell in global, including the following market information:

Global Gas Diffusion Layer Substrate for Fuel Cell Market Revenue, 2016-2021, 2022-2027, (\$ millions)

Global Gas Diffusion Layer Substrate for Fuel Cell Market Sales, 2016-2021, 2022-2027, (Sqm)

Global top five Gas Diffusion Layer Substrate for Fuel Cell companies in 2020 (%)

The global Gas Diffusion Layer Substrate for Fuel Cell market was valued at xx million in 2020 and is projected to reach US\$ xx million by 2027, at a CAGR of xx% during the forecast period.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Gas Diffusion Layer Substrate for Fuel Cell manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Gas Diffusion Layer Substrate for Fuel Cell Market, By Type, 2016-2021, 2022-2027 (\$ Millions) & (Sqm)

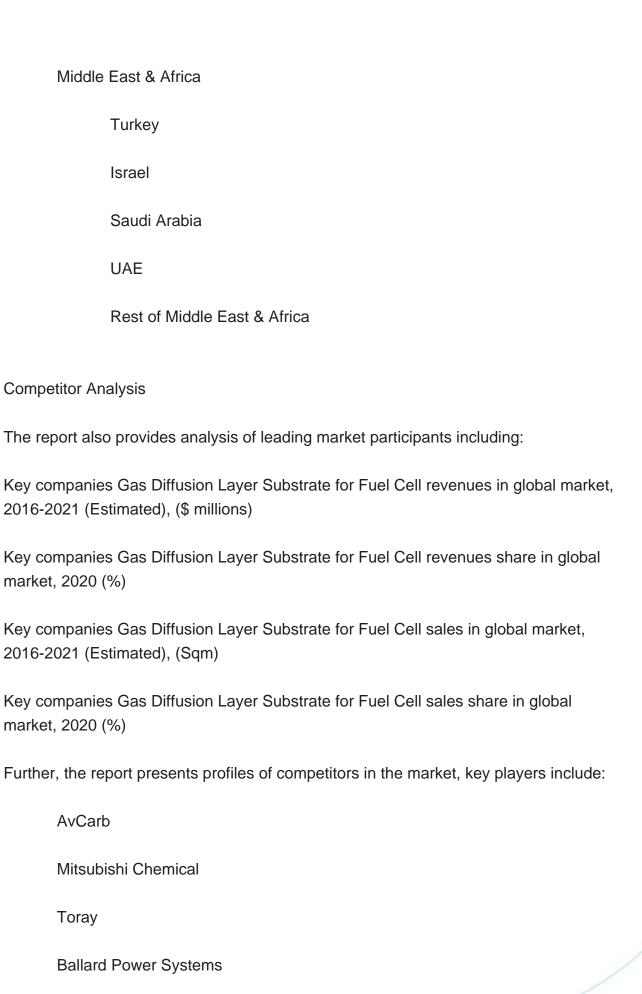


Global Gas Diffusion Layer Substrate for Fuel Cell Market Segment Percentages, By Type, 2020 (%)
Carbon Fiber Paper Substrate
Carbon Cloth Substrate
Metal Substrate
Global Gas Diffusion Layer Substrate for Fuel Cell Market, By Application, 2016-2021, 2022-2027 (\$ Millions) & (Sqm)
Global Gas Diffusion Layer Substrate for Fuel Cell Market Segment Percentages, By Application, 2020 (%)
Hydrogen Fuel Vehicle
Military Industry
Commercial Airliner
Portable Power Supply
Global Gas Diffusion Layer Substrate for Fuel Cell Market, By Region and Country, 2016-2021, 2022-2027 (\$ Millions) & (Sqm)
Global Gas Diffusion Layer Substrate for Fuel Cell Market Segment Percentages, By Region and Country, 2020 (%)
North America
US
Canada
Mexico



Europe Germany France U.K. Italy Russia **Nordic Countries** Benelux Rest of Europe Asia China Japan South Korea Southeast Asia India Rest of Asia South America Brazil Argentina Rest of South America







SGL Carbon

NuVant Systems

Industrie De Nora S.p.A.

Freudenberg FCCT

Toyo Co Ltd

JSR Corporation

Carbon Energy Technology Co Ltd

Jiangsu Tianniao High-technology Co Ltd

Shanghai Hesen Electric Limited Company



Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 High-performance Para-aramid Fiber and Its Composite Materials Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global High-performance Para-aramid Fiber and Its Composite Materials Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
- 1.5.1 Research Methodology
- 1.5.2 Research Process
- 1.5.3 Base Year
- 1.5.4 Report Assumptions & Caveats

2 GLOBAL HIGH-PERFORMANCE PARA-ARAMID FIBER AND ITS COMPOSITE MATERIALS OVERALL MARKET SIZE

- 2.1 Global High-performance Para-aramid Fiber and Its Composite Materials Market Size: 2021 VS 2027
- 2.2 Global High-performance Para-aramid Fiber and Its Composite Materials Revenue, Prospects & Forecasts: 2016-2027
- 2.3 Global High-performance Para-aramid Fiber and Its Composite Materials Sales (Consumption): 2016-2027

3 COMPANY LANDSCAPE

- 3.1 Top High-performance Para-aramid Fiber and Its Composite Materials Players in Global Market
- 3.2 Top Global High-performance Para-aramid Fiber and Its Composite Materials Companies Ranked by Revenue
- 3.3 Global High-performance Para-aramid Fiber and Its Composite Materials Revenue by Companies
- 3.4 Global High-performance Para-aramid Fiber and Its Composite Materials Sales by Companies
- 3.5 Global High-performance Para-aramid Fiber and Its Composite Materials Price by Manufacturer (2016-2021)



- 3.6 Top 3 and Top 5 High-performance Para-aramid Fiber and Its Composite Materials Companies in Global Market, by Revenue in 2020
- 3.7 Global Manufacturers High-performance Para-aramid Fiber and Its Composite Materials Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 High-performance Para-aramid Fiber and Its Composite Materials Players in Global Market
- 3.8.1 List of Global Tier 1 High-performance Para-aramid Fiber and Its Composite Materials Companies
- 3.8.2 List of Global Tier 2 and Tier 3 High-performance Para-aramid Fiber and Its Composite Materials Companies

4 SIGHTS BY PRODUCT

- 4.1 Overview
- 4.1.1 By Type Global High-performance Para-aramid Fiber and Its Composite Materials Market Size Markets, 2021 & 2027
 - 4.1.2 Filament
 - 4.1.3 Staple Fiber
 - 4.1.4 Pulp
 - 4.1.5 powder
- 4.2 By Type Global High-performance Para-aramid Fiber and Its Composite Materials Revenue & Forecasts
- 4.2.1 By Type Global High-performance Para-aramid Fiber and Its Composite Materials Revenue, 2016-2021
- 4.2.2 By Type Global High-performance Para-aramid Fiber and Its Composite Materials Revenue, 2022-2027
- 4.2.3 By Type Global High-performance Para-aramid Fiber and Its Composite Materials Revenue Market Share, 2016-2027
- 4.3 By Type Global High-performance Para-aramid Fiber and Its Composite Materials Sales & Forecasts
- 4.3.1 By Type Global High-performance Para-aramid Fiber and Its Composite Materials Sales, 2016-2021
- 4.3.2 By Type Global High-performance Para-aramid Fiber and Its Composite Materials Sales, 2022-2027
- 4.3.3 By Type Global High-performance Para-aramid Fiber and Its Composite Materials Sales Market Share, 2016-2027
- 4.4 By Type Global High-performance Para-aramid Fiber and Its Composite Materials Price (Manufacturers Selling Prices), 2016-2027



5 SIGHTS BY APPLICATION

- 5.1 Overview
- 5.1.1 By Application Global High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2021 & 2027
 - 5.1.2 Aerospace
 - 5.1.3 Rail Transit
 - 5.1.4 New Energy
 - 5.1.5 Electrical Equipment
 - 5.1.6 Military Protection
 - 5.1.7 Optical Fiber Enhancement
 - 5.1.8 Automotive Industry
- 5.1.9 Sports Goods
- 5.2 By Application Global High-performance Para-aramid Fiber and Its Composite Materials Revenue & Forecasts
- 5.2.1 By Application Global High-performance Para-aramid Fiber and Its Composite Materials Revenue, 2016-2021
- 5.2.2 By Application Global High-performance Para-aramid Fiber and Its Composite Materials Revenue, 2022-2027
- 5.2.3 By Application Global High-performance Para-aramid Fiber and Its Composite Materials Revenue Market Share, 2016-2027
- 5.3 By Application Global High-performance Para-aramid Fiber and Its Composite Materials Sales & Forecasts
- 5.3.1 By Application Global High-performance Para-aramid Fiber and Its Composite Materials Sales, 2016-2021
- 5.3.2 By Application Global High-performance Para-aramid Fiber and Its Composite Materials Sales, 2022-2027
- 5.3.3 By Application Global High-performance Para-aramid Fiber and Its Composite Materials Sales Market Share, 2016-2027
- 5.4 By Application Global High-performance Para-aramid Fiber and Its Composite Materials Price (Manufacturers Selling Prices), 2016-2027

6 SIGHTS BY REGION

- 6.1 By Region Global High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2021 & 2027
- 6.2 By Region Global High-performance Para-aramid Fiber and Its Composite Materials Revenue & Forecasts
 - 6.2.1 By Region Global High-performance Para-aramid Fiber and Its Composite



- Materials Revenue, 2016-2021
- 6.2.2 By Region Global High-performance Para-aramid Fiber and Its Composite Materials Revenue, 2022-2027
- 6.2.3 By Region Global High-performance Para-aramid Fiber and Its Composite Materials Revenue Market Share, 2016-2027
- 6.3 By Region Global High-performance Para-aramid Fiber and Its Composite Materials Sales & Forecasts
- 6.3.1 By Region Global High-performance Para-aramid Fiber and Its Composite Materials Sales, 2016-2021
- 6.3.2 By Region Global High-performance Para-aramid Fiber and Its Composite Materials Sales, 2022-2027
- 6.3.3 By Region Global High-performance Para-aramid Fiber and Its Composite Materials Sales Market Share, 2016-2027
- 6.4 North America
- 6.4.1 By Country North America High-performance Para-aramid Fiber and Its Composite Materials Revenue, 2016-2027
- 6.4.2 By Country North America High-performance Para-aramid Fiber and Its Composite Materials Sales, 2016-2027
- 6.4.3 US High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2016-2027
- 6.4.4 Canada High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2016-2027
- 6.4.5 Mexico High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2016-2027
- 6.5 Europe
- 6.5.1 By Country Europe High-performance Para-aramid Fiber and Its Composite Materials Revenue, 2016-2027
- 6.5.2 By Country Europe High-performance Para-aramid Fiber and Its Composite Materials Sales, 2016-2027
- 6.5.3 Germany High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2016-2027
- 6.5.4 France High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2016-2027
- 6.5.5 U.K. High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2016-2027
- 6.5.6 Italy High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2016-2027
- 6.5.7 Russia High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2016-2027



- 6.5.8 Nordic Countries High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2016-2027
- 6.5.9 Benelux High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2016-2027
- 6.6 Asia
- 6.6.1 By Region Asia High-performance Para-aramid Fiber and Its Composite Materials Revenue, 2016-2027
- 6.6.2 By Region Asia High-performance Para-aramid Fiber and Its Composite Materials Sales, 2016-2027
- 6.6.3 China High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2016-2027
- 6.6.4 Japan High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2016-2027
- 6.6.5 South Korea High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2016-2027
- 6.6.6 Southeast Asia High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2016-2027
- 6.6.7 India High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2016-2027
- 6.7 South America
- 6.7.1 By Country South America High-performance Para-aramid Fiber and Its Composite Materials Revenue, 2016-2027
- 6.7.2 By Country South America High-performance Para-aramid Fiber and Its Composite Materials Sales, 2016-2027
- 6.7.3 Brazil High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2016-2027
- 6.7.4 Argentina High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2016-2027
- 6.8 Middle East & Africa
- 6.8.1 By Country Middle East & Africa High-performance Para-aramid Fiber and Its Composite Materials Revenue, 2016-2027
- 6.8.2 By Country Middle East & Africa High-performance Para-aramid Fiber and Its Composite Materials Sales, 2016-2027
- 6.8.3 Turkey High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2016-2027
- 6.8.4 Israel High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2016-2027
- 6.8.5 Saudi Arabia High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2016-2027



6.8.6 UAE High-performance Para-aramid Fiber and Its Composite Materials Market Size, 2016-2027

7 MANUFACTURERS & BRANDS PROFILES

- 7.1 Teijin Aramid
 - 7.1.1 Teijin Aramid Corporate Summary
 - 7.1.2 Teijin Aramid Business Overview
- 7.1.3 Teijin Aramid High-performance Para-aramid Fiber and Its Composite Materials Major Product Offerings
- 7.1.4 Teijin Aramid High-performance Para-aramid Fiber and Its Composite Materials Sales and Revenue in Global (2016-2021)
 - 7.1.5 Teijin Aramid Key News
- 7.2 DuPont
 - 7.2.1 DuPont Corporate Summary
 - 7.2.2 DuPont Business Overview
- 7.2.3 DuPont High-performance Para-aramid Fiber and Its Composite Materials Major Product Offerings
- 7.2.4 DuPont High-performance Para-aramid Fiber and Its Composite Materials Sales and Revenue in Global (2016-2021)
 - 7.2.5 DuPont Key News
- 7.3 JSC Kamenskvolokno
 - 7.3.1 JSC Kamenskvolokno Corporate Summary
 - 7.3.2 JSC Kamenskvolokno Business Overview
- 7.3.3 JSC Kamenskvolokno High-performance Para-aramid Fiber and Its Composite Materials Major Product Offerings
- 7.3.4 JSC Kamenskvolokno High-performance Para-aramid Fiber and Its Composite Materials Sales and Revenue in Global (2016-2021)
 - 7.3.5 JSC Kamenskvolokno Key News
- 7.4 Kolon Industries
 - 7.4.1 Kolon Industries Corporate Summary
 - 7.4.2 Kolon Industries Business Overview
- 7.4.3 Kolon Industries High-performance Para-aramid Fiber and Its Composite Materials Major Product Offerings
- 7.4.4 Kolon Industries High-performance Para-aramid Fiber and Its Composite Materials Sales and Revenue in Global (2016-2021)
 - 7.4.5 Kolon Industries Key News
- 7.5 Yantai Spandex
- 7.5.1 Yantai Spandex Corporate Summary



- 7.5.2 Yantai Spandex Business Overview
- 7.5.3 Yantai Spandex High-performance Para-aramid Fiber and Its Composite Materials Major Product Offerings
- 7.5.4 Yantai Spandex High-performance Para-aramid Fiber and Its Composite Materials Sales and Revenue in Global (2016-2021)
 - 7.5.5 Yantai Spandex Key News
- 7.6 Zhaoda Special Fiber Technology Co Ltd
 - 7.6.1 Zhaoda Special Fiber Technology Co Ltd Corporate Summary
 - 7.6.2 Zhaoda Special Fiber Technology Co Ltd Business Overview
- 7.6.3 Zhaoda Special Fiber Technology Co Ltd High-performance Para-aramid Fiber and Its Composite Materials Major Product Offerings
- 7.6.4 Zhaoda Special Fiber Technology Co Ltd High-performance Para-aramid Fiber and Its Composite Materials Sales and Revenue in Global (2016-2021)
 - 7.6.5 Zhaoda Special Fiber Technology Co Ltd Key News
- 7.7 Hebei Silicon Valley Chemical Co Ltd
- 7.7.1 Hebei Silicon Valley Chemical Co Ltd Corporate Summary
- 7.7.2 Hebei Silicon Valley Chemical Co Ltd Business Overview
- 7.7.3 Hebei Silicon Valley Chemical Co Ltd High-performance Para-aramid Fiber and Its Composite Materials Major Product Offerings
- 7.4.4 Hebei Silicon Valley Chemical Co Ltd High-performance Para-aramid Fiber and Its Composite Materials Sales and Revenue in Global (2016-2021)
 - 7.7.5 Hebei Silicon Valley Chemical Co Ltd Key News
- 7.8 Zhonglan Chenguang
 - 7.8.1 Zhonglan Chenguang Corporate Summary
 - 7.8.2 Zhonglan Chenguang Business Overview
- 7.8.3 Zhonglan Chenguang High-performance Para-aramid Fiber and Its Composite Materials Major Product Offerings
- 7.8.4 Zhonglan Chenguang High-performance Para-aramid Fiber and Its Composite Materials Sales and Revenue in Global (2016-2021)
 - 7.8.5 Zhonglan Chenguang Key News
- 7.9 Yizheng Chemical Fibre
 - 7.9.1 Yizheng Chemical Fibre Corporate Summary
 - 7.9.2 Yizheng Chemical Fibre Business Overview
- 7.9.3 Yizheng Chemical Fibre High-performance Para-aramid Fiber and Its Composite Materials Major Product Offerings
- 7.9.4 Yizheng Chemical Fibre High-performance Para-aramid Fiber and Its Composite Materials Sales and Revenue in Global (2016-2021)
 - 7.9.5 Yizheng Chemical Fibre Key News
- 7.10 China Pingmei Shenma Group



- 7.10.1 China Pingmei Shenma Group Corporate Summary
- 7.10.2 China Pingmei Shenma Group Business Overview
- 7.10.3 China Pingmei Shenma Group High-performance Para-aramid Fiber and Its Composite Materials Major Product Offerings
- 7.10.4 China Pingmei Shenma Group High-performance Para-aramid Fiber and Its Composite Materials Sales and Revenue in Global (2016-2021)
 - 7.10.5 China Pingmei Shenma Group Key News

8 GLOBAL HIGH-PERFORMANCE PARA-ARAMID FIBER AND ITS COMPOSITE MATERIALS PRODUCTION CAPACITY, ANALYSIS

- 8.1 Global High-performance Para-aramid Fiber and Its Composite Materials Production Capacity, 2016-2027
- 8.2 High-performance Para-aramid Fiber and Its Composite Materials Production Capacity of Key Manufacturers in Global Market
- 8.3 Global High-performance Para-aramid Fiber and Its Composite Materials Production by Region

9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

- 9.1 Market Opportunities & Trends
- 9.2 Market Drivers
- 9.3 Market Restraints

10 HIGH-PERFORMANCE PARA-ARAMID FIBER AND ITS COMPOSITE MATERIALS SUPPLY CHAIN ANALYSIS

- 10.1 High-performance Para-aramid Fiber and Its Composite Materials Industry Value Chain
- 10.2 High-performance Para-aramid Fiber and Its Composite Materials Upstream Market
- 10.3 High-performance Para-aramid Fiber and Its Composite Materials Downstream and Clients
- 10.4 Marketing Channels Analysis
 - 10.4.1 Marketing Channels
- 10.4.2 High-performance Para-aramid Fiber and Its Composite Materials Distributors and Sales Agents in Global

11 CONCLUSION



12 APPENDIX

- 12.1 Note
- 12.2 Examples of Clients
- 12.3 Disclaimer



List Of Tables

LIST OF TABLES

Table 1. Key Players of Gas Diffusion Layer Substrate for Fuel Cell in Global Market

Table 2. Top Gas Diffusion Layer Substrate for Fuel Cell Players in Global Market, Ranking by Revenue (2019)

Table 3. Global Gas Diffusion Layer Substrate for Fuel Cell Revenue by Companies, (US\$, Mn), 2016-2021

Table 4. Global Gas Diffusion Layer Substrate for Fuel Cell Revenue Share by Companies, 2016-2021

Table 5. Global Gas Diffusion Layer Substrate for Fuel Cell Sales by Companies, (Sqm), 2016-2021

Table 6. Global Gas Diffusion Layer Substrate for Fuel Cell Sales Share by Companies, 2016-2021

Table 7. Key Manufacturers Gas Diffusion Layer Substrate for Fuel Cell Price (2016-2021) & (USD/Sqm)

Table 8. Global Manufacturers Gas Diffusion Layer Substrate for Fuel Cell Product Type Table 9. List of Global Tier 1 Gas Diffusion Layer Substrate for Fuel Cell Companies, Revenue (US\$, Mn) in 2020 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Gas Diffusion Layer Substrate for Fuel Cell Companies, Revenue (US\$, Mn) in 2020 and Market Share

Table 11. By Type – Global Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2021 VS 2027

Table 12. By Type - Global Gas Diffusion Layer Substrate for Fuel Cell Revenue (US\$, Mn), 2016-2021

Table 13. By Type - Global Gas Diffusion Layer Substrate for Fuel Cell Revenue (US\$, Mn), 2022-2027

Table 14. By Type - Global Gas Diffusion Layer Substrate for Fuel Cell Sales (Sqm), 2016-2021

Table 15. By Type - Global Gas Diffusion Layer Substrate for Fuel Cell Sales (Sqm), 2022-2027

Table 16. By Application – Global Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2021 VS 2027

Table 17. By Application - Global Gas Diffusion Layer Substrate for Fuel Cell Revenue (US\$, Mn), 2016-2021

Table 18. By Application - Global Gas Diffusion Layer Substrate for Fuel Cell Revenue (US\$, Mn), 2022-2027

Table 19. By Application - Global Gas Diffusion Layer Substrate for Fuel Cell Sales



(Sqm), 2016-2021

Table 20. By Application - Global Gas Diffusion Layer Substrate for Fuel Cell Sales (Sqm), 2022-2027

Table 21. By Region – Global Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2021 VS 2027

Table 22. By Region - Global Gas Diffusion Layer Substrate for Fuel Cell Revenue (US\$, Mn), 2016-2021

Table 23. By Region - Global Gas Diffusion Layer Substrate for Fuel Cell Revenue (US\$, Mn), 2022-2027

Table 24. By Region - Global Gas Diffusion Layer Substrate for Fuel Cell Sales (Sqm), 2016-2021

Table 25. By Region - Global Gas Diffusion Layer Substrate for Fuel Cell Sales (Sqm), 2022-2027

Table 26. By Country - North America Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2021

Table 27. By Country - North America Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2022-2027

Table 28. By Country - North America Gas Diffusion Layer Substrate for Fuel Cell Sales, (Sqm), 2016-2021

Table 29. By Country - North America Gas Diffusion Layer Substrate for Fuel Cell Sales, (Sqm), 2022-2027

Table 30. By Country - Europe Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2021

Table 31. By Country - Europe Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2022-2027

Table 32. By Country - Europe Gas Diffusion Layer Substrate for Fuel Cell Sales, (Sqm), 2016-2021

Table 33. By Country - Europe Gas Diffusion Layer Substrate for Fuel Cell Sales, (Sqm), 2022-2027

Table 34. By Region - Asia Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2021

Table 35. By Region - Asia Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2022-2027

Table 36. By Region - Asia Gas Diffusion Layer Substrate for Fuel Cell Sales, (Sqm), 2016-2021

Table 37. By Region - Asia Gas Diffusion Layer Substrate for Fuel Cell Sales, (Sqm), 2022-2027

Table 38. By Country - South America Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2021



Table 39. By Country - South America Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2022-2027

Table 40. By Country - South America Gas Diffusion Layer Substrate for Fuel Cell Sales, (Sqm), 2016-2021

Table 41. By Country - South America Gas Diffusion Layer Substrate for Fuel Cell Sales, (Sqm), 2022-2027

Table 42. By Country - Middle East & Africa Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2021

Table 43. By Country - Middle East & Africa Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2022-2027

Table 44. By Country - Middle East & Africa Gas Diffusion Layer Substrate for Fuel Cell Sales, (Sqm), 2016-2021

Table 45. By Country - Middle East & Africa Gas Diffusion Layer Substrate for Fuel Cell Sales, (Sqm), 2022-2027

Table 46. AvCarb Corporate Summary

Table 47. AvCarb Gas Diffusion Layer Substrate for Fuel Cell Product Offerings

Table 48. AvCarb Gas Diffusion Layer Substrate for Fuel Cell Sales (Sqm), Revenue (US\$, Mn) and Average Price (USD/Sqm) (2016-2021)

Table 49. Mitsubishi Chemical Corporate Summary

Table 50. Mitsubishi Chemical Gas Diffusion Layer Substrate for Fuel Cell Product Offerings

Table 51. Mitsubishi Chemical Gas Diffusion Layer Substrate for Fuel Cell Sales (Sqm), Revenue (US\$, Mn) and Average Price (USD/Sqm) (2016-2021)

Table 52. Toray Corporate Summary

Table 53. Toray Gas Diffusion Layer Substrate for Fuel Cell Product Offerings

Table 54. Toray Gas Diffusion Layer Substrate for Fuel Cell Sales (Sqm), Revenue

(US\$, Mn) and Average Price (USD/Sqm) (2016-2021)

Table 55. Ballard Power Systems Corporate Summary

Table 56. Ballard Power Systems Gas Diffusion Layer Substrate for Fuel Cell Product Offerings

Table 57. Ballard Power Systems Gas Diffusion Layer Substrate for Fuel Cell Sales (Sqm), Revenue (US\$, Mn) and Average Price (USD/Sqm) (2016-2021)

Table 58. SGL Carbon Corporate Summary

Table 59. SGL Carbon Gas Diffusion Layer Substrate for Fuel Cell Product Offerings

Table 60. SGL Carbon Gas Diffusion Layer Substrate for Fuel Cell Sales (Sqm),

Revenue (US\$, Mn) and Average Price (USD/Sqm) (2016-2021)

Table 61. NuVant Systems Corporate Summary

Table 62. NuVant Systems Gas Diffusion Layer Substrate for Fuel Cell Product Offerings



Table 63. NuVant Systems Gas Diffusion Layer Substrate for Fuel Cell Sales (Sqm),

Revenue (US\$, Mn) and Average Price (USD/Sqm) (2016-2021)

Table 64. Industrie De Nora S.p.A. Corporate Summary

Table 65. Industrie De Nora S.p.A. Gas Diffusion Layer Substrate for Fuel Cell Product Offerings

Table 66. Industrie De Nora S.p.A. Gas Diffusion Layer Substrate for Fuel Cell Sales

(Sqm), Revenue (US\$, Mn) and Average Price (USD/Sqm) (2016-2021)

Table 67. Freudenberg FCCT Corporate Summary

Table 68. Freudenberg FCCT Gas Diffusion Layer Substrate for Fuel Cell Product Offerings

Table 69. Freudenberg FCCT Gas Diffusion Layer Substrate for Fuel Cell Sales (Sqm),

Revenue (US\$, Mn) and Average Price (USD/Sqm) (2016-2021)

Table 70. Toyo Co Ltd Corporate Summary

Table 71. Toyo Co Ltd Gas Diffusion Layer Substrate for Fuel Cell Product Offerings

Table 72. Toyo Co Ltd Gas Diffusion Layer Substrate for Fuel Cell Sales (Sqm),

Revenue (US\$, Mn) and Average Price (USD/Sqm) (2016-2021)

Table 73. JSR Corporation Corporate Summary

Table 74. JSR Corporation Gas Diffusion Layer Substrate for Fuel Cell Product Offerings

Table 75. JSR Corporation Gas Diffusion Layer Substrate for Fuel Cell Sales (Sqm),

Revenue (US\$, Mn) and Average Price (USD/Sgm) (2016-2021)

Table 76. Carbon Energy Technology Co Ltd Corporate Summary

Table 77. Carbon Energy Technology Co Ltd Gas Diffusion Layer Substrate for Fuel Cell Product Offerings

Table 78. Carbon Energy Technology Co Ltd Gas Diffusion Layer Substrate for Fuel

Cell Sales (Sqm), Revenue (US\$, Mn) and Average Price (USD/Sqm) (2016-2021)

Table 79. Jiangsu Tianniao High-technology Co Ltd Corporate Summary

Table 80. Jiangsu Tianniao High-technology Co Ltd Gas Diffusion Layer Substrate for Fuel Cell Product Offerings

Table 81. Jiangsu Tianniao High-technology Co Ltd Gas Diffusion Layer Substrate for

Fuel Cell Sales (Sqm), Revenue (US\$, Mn) and Average Price (USD/Sqm) (2016-2021)

Table 82. Shanghai Hesen Electric Limited Company Corporate Summary

Table 83. Shanghai Hesen Electric Limited Company Gas Diffusion Layer Substrate for Fuel Cell Product Offerings

Table 84. Shanghai Hesen Electric Limited Company Gas Diffusion Layer Substrate for

Fuel Cell Sales (Sqm), Revenue (US\$, Mn) and Average Price (USD/Sqm) (2016-2021)

Table 85. Gas Diffusion Layer Substrate for Fuel Cell Production Capacity (Sqm) of Key Manufacturers in Global Market, 2019-2021 (Sqm)

Table 86. Global Gas Diffusion Layer Substrate for Fuel Cell Capacity Market Share of



Key Manufacturers, 2019-2021

Table 87. Global Gas Diffusion Layer Substrate for Fuel Cell Production by Region, 2016-2021 (Sqm)

Table 88. Global Gas Diffusion Layer Substrate for Fuel Cell Production by Region, 2022-2027 (Sqm)

Table 89. Gas Diffusion Layer Substrate for Fuel Cell Market Opportunities & Trends in Global Market

Table 90. Gas Diffusion Layer Substrate for Fuel Cell Market Drivers in Global Market

Table 91. Gas Diffusion Layer Substrate for Fuel Cell Market Restraints in Global Market

Table 92. Gas Diffusion Layer Substrate for Fuel Cell Raw Materials

Table 93. Gas Diffusion Layer Substrate for Fuel Cell Raw Materials Suppliers in Global Market

Table 94. Typical Gas Diffusion Layer Substrate for Fuel Cell Downstream

Table 95. Gas Diffusion Layer Substrate for Fuel Cell Downstream Clients in Global Market

Table 96. Gas Diffusion Layer Substrate for Fuel Cell Distributors and Sales Agents in Global Market



List Of Figures

LIST OF FIGURES

- Figure 1. Gas Diffusion Layer Substrate for Fuel Cell Segment by Type
- Figure 2. Gas Diffusion Layer Substrate for Fuel Cell Segment by Application
- Figure 3. Global Gas Diffusion Layer Substrate for Fuel Cell Market Overview: 2020
- Figure 4. Key Caveats
- Figure 5. Global Gas Diffusion Layer Substrate for Fuel Cell Market Size: 2021 VS 2027 (US\$, Mn)
- Figure 6. Global Gas Diffusion Layer Substrate for Fuel Cell Revenue, 2016-2027 (US\$, Mn)
- Figure 7. Gas Diffusion Layer Substrate for Fuel Cell Sales in Global Market: 2016-2027 (Sqm)
- Figure 8. The Top 3 and 5 Players Market Share by Gas Diffusion Layer Substrate for Fuel Cell Revenue in 2020
- Figure 9. By Type Global Gas Diffusion Layer Substrate for Fuel Cell Sales Market Share, 2016-2027
- Figure 10. By Type Global Gas Diffusion Layer Substrate for Fuel Cell Revenue Market Share, 2016-2027
- Figure 11. By Type Global Gas Diffusion Layer Substrate for Fuel Cell Price (USD/Sqm), 2016-2027
- Figure 12. By Application Global Gas Diffusion Layer Substrate for Fuel Cell Sales Market Share, 2016-2027
- Figure 13. By Application Global Gas Diffusion Layer Substrate for Fuel Cell Revenue Market Share, 2016-2027
- Figure 14. By Application Global Gas Diffusion Layer Substrate for Fuel Cell Price (USD/Sqm), 2016-2027
- Figure 15. By Region Global Gas Diffusion Layer Substrate for Fuel Cell Sales Market Share, 2016-2027
- Figure 16. By Region Global Gas Diffusion Layer Substrate for Fuel Cell Revenue Market Share, 2016-2027
- Figure 17. By Country North America Gas Diffusion Layer Substrate for Fuel Cell Revenue Market Share, 2016-2027
- Figure 18. By Country North America Gas Diffusion Layer Substrate for Fuel Cell Sales Market Share, 2016-2027
- Figure 19. US Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2027
- Figure 20. Canada Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn),



2016-2027

Figure 21. Mexico Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2027

Figure 22. By Country - Europe Gas Diffusion Layer Substrate for Fuel Cell Revenue Market Share, 2016-2027

Figure 23. By Country - Europe Gas Diffusion Layer Substrate for Fuel Cell Sales Market Share, 2016-2027

Figure 24. Germany Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2027

Figure 25. France Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2027

Figure 26. U.K. Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2027

Figure 27. Italy Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2027

Figure 28. Russia Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2027

Figure 29. Nordic Countries Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2027

Figure 30. Benelux Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2027

Figure 31. By Region - Asia Gas Diffusion Layer Substrate for Fuel Cell Revenue Market Share, 2016-2027

Figure 32. By Region - Asia Gas Diffusion Layer Substrate for Fuel Cell Sales Market Share, 2016-2027

Figure 33. China Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2027

Figure 34. Japan Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2027

Figure 35. South Korea Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2027

Figure 36. Southeast Asia Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2027

Figure 37. India Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2027

Figure 38. By Country - South America Gas Diffusion Layer Substrate for Fuel Cell Revenue Market Share, 2016-2027

Figure 39. By Country - South America Gas Diffusion Layer Substrate for Fuel Cell Sales Market Share, 2016-2027



Figure 40. Brazil Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2027

Figure 41. Argentina Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2027

Figure 42. By Country - Middle East & Africa Gas Diffusion Layer Substrate for Fuel Cell Revenue Market Share, 2016-2027

Figure 43. By Country - Middle East & Africa Gas Diffusion Layer Substrate for Fuel Cell Sales Market Share, 2016-2027

Figure 44. Turkey Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2027

Figure 45. Israel Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2027

Figure 46. Saudi Arabia Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2027

Figure 47. UAE Gas Diffusion Layer Substrate for Fuel Cell Revenue, (US\$, Mn), 2016-2027

Figure 48. Global Gas Diffusion Layer Substrate for Fuel Cell Production Capacity (Sqm), 2016-2027

Figure 49. The Percentage of Production Gas Diffusion Layer Substrate for Fuel Cell by Region, 2020 VS 2027

Figure 50. Gas Diffusion Layer Substrate for Fuel Cell Industry Value Chain

Figure 51. Marketing Channels



I would like to order

Product name: Gas Diffusion Layer Substrate for Fuel Cell Market - Global Outlook and Forecast

2021-2027

Product link: https://marketpublishers.com/r/G19DAD00BED1EN.html

Price: US\$ 3,250.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G19DAD00BED1EN.html

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

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer 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



