

Covid-19 Impact on Global Oxidized PAN Fiber Market Insights, Forecast to 2026

https://marketpublishers.com/r/CE4DB15B9354EN.html

Date: July 2020

Pages: 113

Price: US\$ 3,900.00 (Single User License)

ID: CE4DB15B9354EN

Abstracts

Oxidized polyacrylonitrile (OPAN) fiber, such as ZOLTEK™ OX, is manufactured from a polyacrylonitrile precursor fiber (PAN). The PAN precursor fiber is solution spun and processed through a high temperature air oven to stabilize its molecular structure. After stabilization is complete, a fiber finish is applied to the OPAN fiber tow and pleated into boxes. The OX tow can be further processed, through a crimping and cutting process to make staple fiber, which is baled for shipment.

Since the COVID-19 virus outbreak in December 2019, the disease has spread to almost 100 countries around the globe with the World Health Organization declaring it a public health emergency. The global impacts of the coronavirus disease 2019 (COVID-19) are already starting to be felt, and will significantly affect the Oxidized PAN Fiber market in 2020.

COVID-19 can affect the global economy in three main ways: by directly affecting production and demand, by creating supply chain and market disruption, and by its financial impact on firms and financial markets.

The outbreak of COVID-19 has brought effects on many aspects, like flight cancellations; travel bans and quarantines; restaurants closed; all indoor events restricted; over forty countries state of emergency declared; massive slowing of the supply chain; stock market volatility; falling business confidence, growing panic among the population, and uncertainty about future.

This report also analyses the impact of Coronavirus COVID-19 on the Oxidized PAN Fiber industry.

Based on our recent survey, we have several different scenarios about the Oxidized PAN Fiber YoY growth rate for 2020. The probable scenario is expected to grow by a xx% in 2020 and the revenue will be xx in 2020 from US\$ xx million in 2019. The market size of Oxidized PAN Fiber will reach xx in 2026, with a CAGR of xx% from 2020 to 2026.



With industry-standard accuracy in analysis and high data integrity, the report makes a brilliant attempt to unveil key opportunities available in the global Oxidized PAN Fiber market to help players in achieving a strong market position. Buyers of the report can access verified and reliable market forecasts, including those for the overall size of the global Oxidized PAN Fiber market in terms of both revenue and volume. Players, stakeholders, and other participants in the global Oxidized PAN Fiber market will be able to gain the upper hand as they use the report as a powerful resource. For this version of the report, the segmental analysis focuses on sales (volume), revenue and forecast by each application segment in terms of sales and revenue and forecast by each type segment in terms of revenue for the period 2015-2026.

Sales and Pricing Analyses

Readers are provided with deeper sales analysis and pricing analysis for the global Oxidized PAN Fiber market. As part of sales analysis, the report offers accurate statistics and figures for sales and revenue by region, by each type segment for the period 2015-2026.

In the pricing analysis section of the report, readers are provided with validated statistics and figures for the price by players and price by region for the period 2015-2020 and price by each type segment for the period 2015-2020.

Regional and Country-level Analysis

The report offers an exhaustive geographical analysis of the global Oxidized PAN Fiber market, covering important regions, viz, North America, Europe, China and Japan. It also covers key countries (regions), viz, U.S., Canada, Germany, France, U.K., Italy, Russia, China, Japan, South Korea, India, Australia, Taiwan, Indonesia, Thailand, Malaysia, Philippines, Vietnam, Mexico, Brazil, Turkey, Saudi Arabia, U.A.E, etc. The report includes country-wise and region-wise market size for the period 2015-2026. It also includes market size and forecast by each application segment in terms of sales for the period 2015-2026.

Competition Analysis

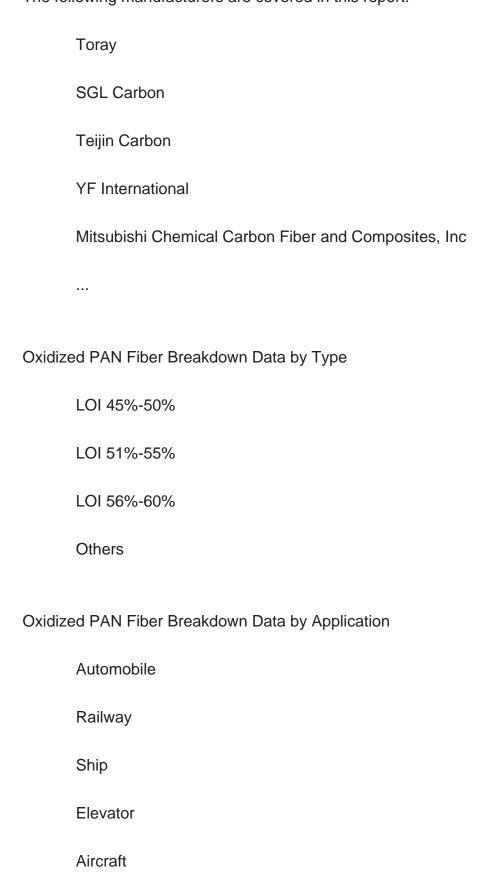
In the competitive analysis section of the report, leading as well as prominent players of the global Oxidized PAN Fiber market are broadly studied on the basis of key factors. The report offers comprehensive analysis and accurate statistics on sales by the player for the period 2015-2020. It also offers detailed analysis supported by reliable statistics on price and revenue (global level) by player for the period 2015-2020.

On the whole, the report proves to be an effective tool that players can use to gain a competitive edge over their competitors and ensure lasting success in the global Oxidized PAN Fiber market. All of the findings, data, and information provided in the report are validated and revalidated with the help of trustworthy sources. The analysts



who have authored the report took a unique and industry-best research and analysis approach for an in-depth study of the global Oxidized PAN Fiber market.

The following manufacturers are covered in this report:





Others



Contents

1 STUDY COVERAGE

- 1.1 Oxidized PAN Fiber Product Introduction
- 1.2 Market Segments
- 1.3 Key Oxidized PAN Fiber Manufacturers Covered: Ranking by Revenue
- 1.4 Market by Type
 - 1.4.1 Global Oxidized PAN Fiber Market Size Growth Rate by Type
 - 1.4.2 LOI 45%-50%
 - 1.4.3 LOI 51%-55%
- 1.4.4 LOI 56%-60%
- 1.4.5 Others
- 1.5 Market by Application
 - 1.5.1 Global Oxidized PAN Fiber Market Size Growth Rate by Application
 - 1.5.2 Automobile
 - 1.5.3 Railway
- 1.5.4 Ship
- 1.5.5 Elevator
- 1.5.6 Aircraft
- 1.5.7 Others
- 1.6 Coronavirus Disease 2019 (Covid-19): Oxidized PAN Fiber Industry Impact
 - 1.6.1 How the Covid-19 is Affecting the Oxidized PAN Fiber Industry
 - 1.6.1.1 Oxidized PAN Fiber Business Impact Assessment Covid-19
 - 1.6.1.2 Supply Chain Challenges
 - 1.6.1.3 COVID-19's Impact On Crude Oil and Refined Products
- 1.6.2 Market Trends and Oxidized PAN Fiber Potential Opportunities in the COVID-19 Landscape
 - 1.6.3 Measures / Proposal against Covid-19
 - 1.6.3.1 Government Measures to Combat Covid-19 Impact
 - 1.6.3.2 Proposal for Oxidized PAN Fiber Players to Combat Covid-19 Impact
- 1.7 Study Objectives
- 1.8 Years Considered

2 EXECUTIVE SUMMARY

- 2.1 Global Oxidized PAN Fiber Market Size Estimates and Forecasts
 - 2.1.1 Global Oxidized PAN Fiber Revenue 2015-2026
 - 2.1.2 Global Oxidized PAN Fiber Sales 2015-2026



- 2.2 Oxidized PAN Fiber Market Size by Region: 2020 Versus 2026
- 2.2.1 Global Oxidized PAN Fiber Retrospective Market Scenario in Sales by Region: 2015-2020
- 2.2.2 Global Oxidized PAN Fiber Retrospective Market Scenario in Revenue by Region: 2015-2020

3 GLOBAL OXIDIZED PAN FIBER COMPETITOR LANDSCAPE BY PLAYERS

- 3.1 Oxidized PAN Fiber Sales by Manufacturers
 - 3.1.1 Oxidized PAN Fiber Sales by Manufacturers (2015-2020)
 - 3.1.2 Oxidized PAN Fiber Sales Market Share by Manufacturers (2015-2020)
- 3.2 Oxidized PAN Fiber Revenue by Manufacturers
 - 3.2.1 Oxidized PAN Fiber Revenue by Manufacturers (2015-2020)
 - 3.2.2 Oxidized PAN Fiber Revenue Share by Manufacturers (2015-2020)
- 3.2.3 Global Oxidized PAN Fiber Market Concentration Ratio (CR5 and HHI) (2015-2020)
 - 3.2.4 Global Top 10 and Top 5 Companies by Oxidized PAN Fiber Revenue in 2019
- 3.2.5 Global Oxidized PAN Fiber Market Share by Company Type (Tier 1, Tier 2 and Tier 3)
- 3.3 Oxidized PAN Fiber Price by Manufacturers
- 3.4 Oxidized PAN Fiber Manufacturing Base Distribution, Product Types
- 3.4.1 Oxidized PAN Fiber Manufacturers Manufacturing Base Distribution, Headquarters
 - 3.4.2 Manufacturers Oxidized PAN Fiber Product Type
- 3.4.3 Date of International Manufacturers Enter into Oxidized PAN Fiber Market
- 3.5 Manufacturers Mergers & Acquisitions, Expansion Plans

4 BREAKDOWN DATA BY TYPE (2015-2026)

- 4.1 Global Oxidized PAN Fiber Market Size by Type (2015-2020)
 - 4.1.1 Global Oxidized PAN Fiber Sales by Type (2015-2020)
 - 4.1.2 Global Oxidized PAN Fiber Revenue by Type (2015-2020)
 - 4.1.3 Oxidized PAN Fiber Average Selling Price (ASP) by Type (2015-2026)
- 4.2 Global Oxidized PAN Fiber Market Size Forecast by Type (2021-2026)
 - 4.2.1 Global Oxidized PAN Fiber Sales Forecast by Type (2021-2026)
 - 4.2.2 Global Oxidized PAN Fiber Revenue Forecast by Type (2021-2026)
 - 4.2.3 Oxidized PAN Fiber Average Selling Price (ASP) Forecast by Type (2021-2026)
- 4.3 Global Oxidized PAN Fiber Market Share by Price Tier (2015-2020): Low-End, Mid-Range and High-End



5 BREAKDOWN DATA BY APPLICATION (2015-2026)

- 5.1 Global Oxidized PAN Fiber Market Size by Application (2015-2020)
 - 5.1.1 Global Oxidized PAN Fiber Sales by Application (2015-2020)
 - 5.1.2 Global Oxidized PAN Fiber Revenue by Application (2015-2020)
 - 5.1.3 Oxidized PAN Fiber Price by Application (2015-2020)
- 5.2 Oxidized PAN Fiber Market Size Forecast by Application (2021-2026)
 - 5.2.1 Global Oxidized PAN Fiber Sales Forecast by Application (2021-2026)
 - 5.2.2 Global Oxidized PAN Fiber Revenue Forecast by Application (2021-2026)
 - 5.2.3 Global Oxidized PAN Fiber Price Forecast by Application (2021-2026)

6 NORTH AMERICA

- 6.1 North America Oxidized PAN Fiber by Country
 - 6.1.1 North America Oxidized PAN Fiber Sales by Country
 - 6.1.2 North America Oxidized PAN Fiber Revenue by Country
 - 6.1.3 U.S.
 - 6.1.4 Canada
- 6.2 North America Oxidized PAN Fiber Market Facts & Figures by Type
- 6.3 North America Oxidized PAN Fiber Market Facts & Figures by Application

7 EUROPE

- 7.1 Europe Oxidized PAN Fiber by Country
 - 7.1.1 Europe Oxidized PAN Fiber Sales by Country
 - 7.1.2 Europe Oxidized PAN Fiber Revenue by Country
 - 7.1.3 Germany
 - 7.1.4 France
 - 7.1.5 U.K.
 - 7.1.6 Italy
 - 7.1.7 Russia
- 7.2 Europe Oxidized PAN Fiber Market Facts & Figures by Type
- 7.3 Europe Oxidized PAN Fiber Market Facts & Figures by Application

8 ASIA PACIFIC

- 8.1 Asia Pacific Oxidized PAN Fiber by Region
 - 8.1.1 Asia Pacific Oxidized PAN Fiber Sales by Region



- 8.1.2 Asia Pacific Oxidized PAN Fiber Revenue by Region
- 8.1.3 China
- 8.1.4 Japan
- 8.1.5 South Korea
- 8.1.6 India
- 8.1.7 Australia
- 8.1.8 Taiwan
- 8.1.9 Indonesia
- 8.1.10 Thailand
- 8.1.11 Malaysia
- 8.1.12 Philippines
- 8.1.13 Vietnam
- 8.2 Asia Pacific Oxidized PAN Fiber Market Facts & Figures by Type
- 8.3 Asia Pacific Oxidized PAN Fiber Market Facts & Figures by Application

9 LATIN AMERICA

- 9.1 Latin America Oxidized PAN Fiber by Country
 - 9.1.1 Latin America Oxidized PAN Fiber Sales by Country
 - 9.1.2 Latin America Oxidized PAN Fiber Revenue by Country
 - 9.1.3 Mexico
 - 9.1.4 Brazil
 - 9.1.5 Argentina
- 9.2 Central & South America Oxidized PAN Fiber Market Facts & Figures by Type
- 9.3 Central & South America Oxidized PAN Fiber Market Facts & Figures by Application

10 MIDDLE EAST AND AFRICA

- 10.1 Middle East and Africa Oxidized PAN Fiber by Country
 - 10.1.1 Middle East and Africa Oxidized PAN Fiber Sales by Country
 - 10.1.2 Middle East and Africa Oxidized PAN Fiber Revenue by Country
 - 10.1.3 Turkey
 - 10.1.4 Saudi Arabia
 - 10.1.5 U.A.E
- 10.2 Middle East and Africa Oxidized PAN Fiber Market Facts & Figures by Type
- 10.3 Middle East and Africa Oxidized PAN Fiber Market Facts & Figures by Application

11 COMPANY PROFILES



11.1 Toray

- 11.1.1 Toray Corporation Information
- 11.1.2 Toray Description, Business Overview and Total Revenue
- 11.1.3 Toray Sales, Revenue and Gross Margin (2015-2020)
- 11.1.4 Toray Oxidized PAN Fiber Products Offered
- 11.1.5 Toray Recent Development
- 11.2 SGL Carbon
 - 11.2.1 SGL Carbon Corporation Information
 - 11.2.2 SGL Carbon Description, Business Overview and Total Revenue
 - 11.2.3 SGL Carbon Sales, Revenue and Gross Margin (2015-2020)
 - 11.2.4 SGL Carbon Oxidized PAN Fiber Products Offered
- 11.2.5 SGL Carbon Recent Development
- 11.3 Teijin Carbon
 - 11.3.1 Teijin Carbon Corporation Information
- 11.3.2 Teijin Carbon Description, Business Overview and Total Revenue
- 11.3.3 Teijin Carbon Sales, Revenue and Gross Margin (2015-2020)
- 11.3.4 Teijin Carbon Oxidized PAN Fiber Products Offered
- 11.3.5 Teijin Carbon Recent Development
- 11.4 YF International
 - 11.4.1 YF International Corporation Information
 - 11.4.2 YF International Description, Business Overview and Total Revenue
 - 11.4.3 YF International Sales, Revenue and Gross Margin (2015-2020)
 - 11.4.4 YF International Oxidized PAN Fiber Products Offered
 - 11.4.5 YF International Recent Development
- 11.5 Mitsubishi Chemical Carbon Fiber and Composites, Inc.
 - 11.5.1 Mitsubishi Chemical Carbon Fiber and Composites, Inc Corporation Information
- 11.5.2 Mitsubishi Chemical Carbon Fiber and Composites, Inc Description, Business Overview and Total Revenue
- 11.5.3 Mitsubishi Chemical Carbon Fiber and Composites, Inc Sales, Revenue and Gross Margin (2015-2020)
- 11.5.4 Mitsubishi Chemical Carbon Fiber and Composites, Inc Oxidized PAN Fiber Products Offered
- 11.5.5 Mitsubishi Chemical Carbon Fiber and Composites, Inc Recent Development 11.1 Toray
 - 11.1.1 Toray Corporation Information
 - 11.1.2 Toray Description, Business Overview and Total Revenue
 - 11.1.3 Toray Sales, Revenue and Gross Margin (2015-2020)
 - 11.1.4 Toray Oxidized PAN Fiber Products Offered
 - 11.1.5 Toray Recent Development



12 FUTURE FORECAST BY REGIONS (COUNTRIES) (2021-2026)

- 12.1 Oxidized PAN Fiber Market Estimates and Projections by Region
 - 12.1.1 Global Oxidized PAN Fiber Sales Forecast by Regions 2021-2026
 - 12.1.2 Global Oxidized PAN Fiber Revenue Forecast by Regions 2021-2026
- 12.2 North America Oxidized PAN Fiber Market Size Forecast (2021-2026)
- 12.2.1 North America: Oxidized PAN Fiber Sales Forecast (2021-2026)
- 12.2.2 North America: Oxidized PAN Fiber Revenue Forecast (2021-2026)
- 12.2.3 North America: Oxidized PAN Fiber Market Size Forecast by Country (2021-2026)
- 12.3 Europe Oxidized PAN Fiber Market Size Forecast (2021-2026)
 - 12.3.1 Europe: Oxidized PAN Fiber Sales Forecast (2021-2026)
 - 12.3.2 Europe: Oxidized PAN Fiber Revenue Forecast (2021-2026)
 - 12.3.3 Europe: Oxidized PAN Fiber Market Size Forecast by Country (2021-2026)
- 12.4 Asia Pacific Oxidized PAN Fiber Market Size Forecast (2021-2026)
 - 12.4.1 Asia Pacific: Oxidized PAN Fiber Sales Forecast (2021-2026)
 - 12.4.2 Asia Pacific: Oxidized PAN Fiber Revenue Forecast (2021-2026)
 - 12.4.3 Asia Pacific: Oxidized PAN Fiber Market Size Forecast by Region (2021-2026)
- 12.5 Latin America Oxidized PAN Fiber Market Size Forecast (2021-2026)
 - 12.5.1 Latin America: Oxidized PAN Fiber Sales Forecast (2021-2026)
 - 12.5.2 Latin America: Oxidized PAN Fiber Revenue Forecast (2021-2026)
- 12.5.3 Latin America: Oxidized PAN Fiber Market Size Forecast by Country (2021-2026)
- 12.6 Middle East and Africa Oxidized PAN Fiber Market Size Forecast (2021-2026)
- 12.6.1 Middle East and Africa: Oxidized PAN Fiber Sales Forecast (2021-2026)
- 12.6.2 Middle East and Africa: Oxidized PAN Fiber Revenue Forecast (2021-2026)
- 12.6.3 Middle East and Africa: Oxidized PAN Fiber Market Size Forecast by Country (2021-2026)

13 MARKET OPPORTUNITIES, CHALLENGES, RISKS AND INFLUENCES FACTORS ANALYSIS

- 13.1 Market Opportunities and Drivers
- 13.2 Market Challenges
- 13.3 Market Risks/Restraints
- 13.4 Porter's Five Forces Analysis
- 13.5 Primary Interviews with Key Oxidized PAN Fiber Players (Opinion Leaders)



14 VALUE CHAIN AND SALES CHANNELS ANALYSIS

- 14.1 Value Chain Analysis
- 14.2 Oxidized PAN Fiber Customers
- 14.3 Sales Channels Analysis
 - 14.3.1 Sales Channels
 - 14.3.2 Distributors

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Research Methodology
 - 16.1.1 Methodology/Research Approach
 - 16.1.2 Data Source
- 16.2 Author Details



List Of Tables

LIST OF TABLES

- Table 1. Oxidized PAN Fiber Market Segments
- Table 2. Ranking of Global Top Oxidized PAN Fiber Manufacturers by Revenue (US\$ Million) in 2019
- Table 3. Global Oxidized PAN Fiber Market Size Growth Rate by Type 2020-2026 ((K MT)) & (US\$ Million)
- Table 4. Major Manufacturers of LOI 45%-50%
- Table 5. Major Manufacturers of LOI 51%-55%
- Table 6. Major Manufacturers of LOI 56%-60%
- Table 7. Major Manufacturers of Others
- Table 8. COVID-19 Impact Global Market: (Four Oxidized PAN Fiber Market Size Forecast Scenarios)
- Table 9. Opportunities and Trends for Oxidized PAN Fiber Players in the COVID-19 Landscape
- Table 10. Present Opportunities in China & Elsewhere Due to the Coronavirus Crisis
- Table 11. Key Regions/Countries Measures against Covid-19 Impact
- Table 12. Proposal for Oxidized PAN Fiber Players to Combat Covid-19 Impact
- Table 13. Global Oxidized PAN Fiber Market Size Growth Rate by Application 2020-2026 ((K MT))
- Table 14. Global Oxidized PAN Fiber Market Size by Region ((K MT)) & (US\$ Million): 2020 VS 2026
- Table 15. Global Oxidized PAN Fiber Sales by Regions 2015-2020 ((K MT))
- Table 16. Global Oxidized PAN Fiber Sales Market Share by Regions (2015-2020)
- Table 17. Global Oxidized PAN Fiber Revenue by Regions 2015-2020 (US\$ Million)
- Table 18. Global Oxidized PAN Fiber Sales by Manufacturers (2015-2020) ((K MT))
- Table 19. Global Oxidized PAN Fiber Sales Share by Manufacturers (2015-2020)
- Table 20. Global Oxidized PAN Fiber Manufacturers Market Concentration Ratio (CR5 and HHI) (2015-2020)
- Table 21. Global Oxidized PAN Fiber by Company Type (Tier 1, Tier 2 and Tier 3) (based on the Revenue in Oxidized PAN Fiber as of 2019)
- Table 22. Oxidized PAN Fiber Revenue by Manufacturers (2015-2020) (US\$ Million)
- Table 23. Oxidized PAN Fiber Revenue Share by Manufacturers (2015-2020)
- Table 24. Key Manufacturers Oxidized PAN Fiber Price (2015-2020) ((USD/MT))
- Table 25. Oxidized PAN Fiber Manufacturers Manufacturing Base Distribution and Headquarters
- Table 26. Manufacturers Oxidized PAN Fiber Product Type



- Table 27. Date of International Manufacturers Enter into Oxidized PAN Fiber Market
- Table 28. Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 29. Global Oxidized PAN Fiber Sales by Type (2015-2020) ((K MT))
- Table 30. Global Oxidized PAN Fiber Sales Share by Type (2015-2020)
- Table 31. Global Oxidized PAN Fiber Revenue by Type (2015-2020) (US\$ Million)
- Table 32. Global Oxidized PAN Fiber Revenue Share by Type (2015-2020)
- Table 33. Oxidized PAN Fiber Average Selling Price (ASP) by Type 2015-2020 ((USD/MT))
- Table 34. Global Oxidized PAN Fiber Sales by Application (2015-2020) ((K MT))
- Table 35. Global Oxidized PAN Fiber Sales Share by Application (2015-2020)
- Table 36. North America Oxidized PAN Fiber Sales by Country (2015-2020) ((K MT))
- Table 37. North America Oxidized PAN Fiber Sales Market Share by Country (2015-2020)
- Table 38. North America Oxidized PAN Fiber Revenue by Country (2015-2020) (US\$ Million)
- Table 39. North America Oxidized PAN Fiber Revenue Market Share by Country (2015-2020)
- Table 40. North America Oxidized PAN Fiber Sales by Type (2015-2020) ((K MT))
- Table 41. North America Oxidized PAN Fiber Sales Market Share by Type (2015-2020)
- Table 42. North America Oxidized PAN Fiber Sales by Application (2015-2020) ((K MT))
- Table 43. North America Oxidized PAN Fiber Sales Market Share by Application (2015-2020)
- Table 44. Europe Oxidized PAN Fiber Sales by Country (2015-2020) ((K MT))
- Table 45. Europe Oxidized PAN Fiber Sales Market Share by Country (2015-2020)
- Table 46. Europe Oxidized PAN Fiber Revenue by Country (2015-2020) (US\$ Million)
- Table 47. Europe Oxidized PAN Fiber Revenue Market Share by Country (2015-2020)
- Table 48. Europe Oxidized PAN Fiber Sales by Type (2015-2020) ((K MT))
- Table 49. Europe Oxidized PAN Fiber Sales Market Share by Type (2015-2020)
- Table 50. Europe Oxidized PAN Fiber Sales by Application (2015-2020) ((K MT))
- Table 51. Europe Oxidized PAN Fiber Sales Market Share by Application (2015-2020)
- Table 52. Asia Pacific Oxidized PAN Fiber Sales by Region (2015-2020) ((K MT))
- Table 53. Asia Pacific Oxidized PAN Fiber Sales Market Share by Region (2015-2020)
- Table 54. Asia Pacific Oxidized PAN Fiber Revenue by Region (2015-2020) (US\$ Million)
- Table 55. Asia Pacific Oxidized PAN Fiber Revenue Market Share by Region (2015-2020)
- Table 56. Asia Pacific Oxidized PAN Fiber Sales by Type (2015-2020) ((K MT))
- Table 57. Asia Pacific Oxidized PAN Fiber Sales Market Share by Type (2015-2020)
- Table 58. Asia Pacific Oxidized PAN Fiber Sales by Application (2015-2020) ((K MT))



- Table 59. Asia Pacific Oxidized PAN Fiber Sales Market Share by Application (2015-2020)
- Table 60. Latin America Oxidized PAN Fiber Sales by Country (2015-2020) ((K MT))
- Table 61. Latin America Oxidized PAN Fiber Sales Market Share by Country (2015-2020)
- Table 62. Latin Americaa Oxidized PAN Fiber Revenue by Country (2015-2020) (US\$ Million)
- Table 63. Latin America Oxidized PAN Fiber Revenue Market Share by Country (2015-2020)
- Table 64. Latin America Oxidized PAN Fiber Sales by Type (2015-2020) ((K MT))
- Table 65. Latin America Oxidized PAN Fiber Sales Market Share by Type (2015-2020)
- Table 66. Latin America Oxidized PAN Fiber Sales by Application (2015-2020) ((K MT))
- Table 67. Latin America Oxidized PAN Fiber Sales Market Share by Application (2015-2020)
- Table 68. Middle East and Africa Oxidized PAN Fiber Sales by Country (2015-2020) ((K MT))
- Table 69. Middle East and Africa Oxidized PAN Fiber Sales Market Share by Country (2015-2020)
- Table 70. Middle East and Africa Oxidized PAN Fiber Revenue by Country (2015-2020) (US\$ Million)
- Table 71. Middle East and Africa Oxidized PAN Fiber Revenue Market Share by Country (2015-2020)
- Table 72. Middle East and Africa Oxidized PAN Fiber Sales by Type (2015-2020) ((K MT))
- Table 73. Middle East and Africa Oxidized PAN Fiber Sales Market Share by Type (2015-2020)
- Table 74. Middle East and Africa Oxidized PAN Fiber Sales by Application (2015-2020) ((K MT))
- Table 75. Middle East and Africa Oxidized PAN Fiber Sales Market Share by Application (2015-2020)
- Table 76. Toray Corporation Information
- Table 77. Toray Description and Major Businesses
- Table 78. Toray Oxidized PAN Fiber Production ((K MT)), Revenue (US\$ Million), Price ((USD/MT)) and Gross Margin (2015-2020)
- Table 79. Toray Product
- Table 80. Toray Recent Development
- Table 81. SGL Carbon Corporation Information
- Table 82. SGL Carbon Description and Major Businesses
- Table 83. SGL Carbon Oxidized PAN Fiber Production ((K MT)), Revenue (US\$ Million),



Price ((USD/MT)) and Gross Margin (2015-2020)

Table 84. SGL Carbon Product

Table 85. SGL Carbon Recent Development

Table 86. Teijin Carbon Corporation Information

Table 87. Teijin Carbon Description and Major Businesses

Table 88. Teijin Carbon Oxidized PAN Fiber Production ((K MT)), Revenue (US\$

Million), Price ((USD/MT)) and Gross Margin (2015-2020)

Table 89. Teijin Carbon Product

Table 90. Teijin Carbon Recent Development

Table 91. YF International Corporation Information

Table 92. YF International Description and Major Businesses

Table 93. YF International Oxidized PAN Fiber Production ((K MT)), Revenue (US\$

Million), Price ((USD/MT)) and Gross Margin (2015-2020)

Table 94. YF International Product

Table 95. YF International Recent Development

Table 96. Mitsubishi Chemical Carbon Fiber and Composites, Inc Corporation Information

Table 97. Mitsubishi Chemical Carbon Fiber and Composites, Inc Description and Major Businesses

Table 98. Mitsubishi Chemical Carbon Fiber and Composites, Inc Oxidized PAN Fiber Production ((K MT)), Revenue (US\$ Million), Price ((USD/MT)) and Gross Margin (2015-2020)

Table 99. Mitsubishi Chemical Carbon Fiber and Composites, Inc Product

Table 100. Mitsubishi Chemical Carbon Fiber and Composites, Inc Recent Development

Table 101. Global Oxidized PAN Fiber Sales Forecast by Regions (2021-2026) ((K MT))

Table 102. Global Oxidized PAN Fiber Sales Market Share Forecast by Regions (2021-2026)

Table 103. Global Oxidized PAN Fiber Revenue Forecast by Regions (2021-2026) (US\$ Million)

Table 104. Global Oxidized PAN Fiber Revenue Market Share Forecast by Regions (2021-2026)

Table 105. North America: Oxidized PAN Fiber Sales Forecast by Country (2021-2026) ((K MT))

Table 106. North America: Oxidized PAN Fiber Revenue Forecast by Country (2021-2026) (US\$ Million)

Table 107. Europe: Oxidized PAN Fiber Sales Forecast by Country (2021-2026) ((K MT))

Table 108. Europe: Oxidized PAN Fiber Revenue Forecast by Country (2021-2026)



(US\$ Million)

Table 109. Asia Pacific: Oxidized PAN Fiber Sales Forecast by Region (2021-2026) ((K MT))

Table 110. Asia Pacific: Oxidized PAN Fiber Revenue Forecast by Region (2021-2026) (US\$ Million)

Table 111. Latin America: Oxidized PAN Fiber Sales Forecast by Country (2021-2026) ((K MT))

Table 112. Latin America: Oxidized PAN Fiber Revenue Forecast by Country (2021-2026) (US\$ Million)

Table 113. Middle East and Africa: Oxidized PAN Fiber Sales Forecast by Country (2021-2026) ((K MT))

Table 114. Middle East and Africa: Oxidized PAN Fiber Revenue Forecast by Country (2021-2026) (US\$ Million)

Table 115. Key Opportunities and Drivers: Impact Analysis (2021-2026)

Table 116. Key Challenges

Table 117. Market Risks

Table 118. Main Points Interviewed from Key Oxidized PAN Fiber Players

Table 119. Oxidized PAN Fiber Customers List

Table 120. Oxidized PAN Fiber Distributors List

Table 121. Research Programs/Design for This Report

Table 122. Key Data Information from Secondary Sources

Table 123. Key Data Information from Primary Sources



List Of Figures

LIST OF FIGURES

- Figure 1. Oxidized PAN Fiber Product Picture
- Figure 2. Global Oxidized PAN Fiber Sales Market Share by Type in 2020 & 2026
- Figure 3. LOI 45%-50% Product Picture
- Figure 4. LOI 51%-55% Product Picture
- Figure 5. LOI 56%-60% Product Picture
- Figure 6. Others Product Picture
- Figure 7. Global Oxidized PAN Fiber Sales Market Share by Application in 2020 & 2026
- Figure 8. Automobile
- Figure 9. Railway
- Figure 10. Ship
- Figure 11. Elevator
- Figure 12. Aircraft
- Figure 13. Others
- Figure 14. Oxidized PAN Fiber Report Years Considered
- Figure 15. Global Oxidized PAN Fiber Market Size 2015-2026 (US\$ Million)
- Figure 16. Global Oxidized PAN Fiber Sales 2015-2026 ((K MT))
- Figure 17. Global Oxidized PAN Fiber Market Size Market Share by Region: 2020
- Versus 2026
- Figure 18. Global Oxidized PAN Fiber Sales Market Share by Region (2015-2020)
- Figure 19. Global Oxidized PAN Fiber Sales Market Share by Region in 2019
- Figure 20. Global Oxidized PAN Fiber Revenue Market Share by Region (2015-2020)
- Figure 21. Global Oxidized PAN Fiber Revenue Market Share by Region in 2019
- Figure 22. Global Oxidized PAN Fiber Sales Share by Manufacturer in 2019
- Figure 23. The Top 10 and 5 Players Market Share by Oxidized PAN Fiber Revenue in 2019
- Figure 24. Oxidized PAN Fiber Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2015 VS 2019
- Figure 25. Global Oxidized PAN Fiber Sales Market Share by Type (2015-2020)
- Figure 26. Global Oxidized PAN Fiber Sales Market Share by Type in 2019
- Figure 27. Global Oxidized PAN Fiber Revenue Market Share by Type (2015-2020)
- Figure 28. Global Oxidized PAN Fiber Revenue Market Share by Type in 2019
- Figure 29. Global Oxidized PAN Fiber Market Share by Price Range (2015-2020)
- Figure 30. Global Oxidized PAN Fiber Sales Market Share by Application (2015-2020)
- Figure 31. Global Oxidized PAN Fiber Sales Market Share by Application in 2019
- Figure 32. Global Oxidized PAN Fiber Revenue Market Share by Application



(2015-2020)

- Figure 33. Global Oxidized PAN Fiber Revenue Market Share by Application in 2019
- Figure 34. North America Oxidized PAN Fiber Sales Growth Rate 2015-2020 ((K MT))
- Figure 35. North America Oxidized PAN Fiber Revenue Growth Rate 2015-2020 (US\$ Million)
- Figure 36. North America Oxidized PAN Fiber Sales Market Share by Country in 2019
- Figure 37. North America Oxidized PAN Fiber Revenue Market Share by Country in 2019
- Figure 38. U.S. Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 39. U.S. Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 40. Canada Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 41. Canada Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 42. North America Oxidized PAN Fiber Market Share by Type in 2019
- Figure 43. North America Oxidized PAN Fiber Market Share by Application in 2019
- Figure 44. Europe Oxidized PAN Fiber Sales Growth Rate 2015-2020 ((K MT))
- Figure 45. Europe Oxidized PAN Fiber Revenue Growth Rate 2015-2020 (US\$ Million)
- Figure 46. Europe Oxidized PAN Fiber Sales Market Share by Country in 2019
- Figure 47. Europe Oxidized PAN Fiber Revenue Market Share by Country in 2019
- Figure 48. Germany Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 49. Germany Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 50. France Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 51. France Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 52. U.K. Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 53. U.K. Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 54. Italy Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 55. Italy Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 56. Russia Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 57. Russia Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 58. Europe Oxidized PAN Fiber Market Share by Type in 2019
- Figure 59. Europe Oxidized PAN Fiber Market Share by Application in 2019
- Figure 60. Asia Pacific Oxidized PAN Fiber Sales Growth Rate 2015-2020 ((K MT))
- Figure 61. Asia Pacific Oxidized PAN Fiber Revenue Growth Rate 2015-2020 (US\$ Million)
- Figure 62. Asia Pacific Oxidized PAN Fiber Sales Market Share by Region in 2019
- Figure 63. Asia Pacific Oxidized PAN Fiber Revenue Market Share by Region in 2019
- Figure 64. China Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 65. China Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)



- Figure 66. Japan Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 67. Japan Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 68. South Korea Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 69. South Korea Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 70. India Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 71. India Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 72. Australia Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 73. Australia Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 74. Taiwan Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 75. Taiwan Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 76. Indonesia Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 77. Indonesia Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 78. Thailand Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 79. Thailand Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 80. Malaysia Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 81. Malaysia Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 82. Philippines Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 83. Philippines Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 84. Vietnam Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 85. Vietnam Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 86. Asia Pacific Oxidized PAN Fiber Market Share by Type in 2019
- Figure 87. Asia Pacific Oxidized PAN Fiber Market Share by Application in 2019
- Figure 88. Latin America Oxidized PAN Fiber Sales Growth Rate 2015-2020 ((K MT))
- Figure 89. Latin America Oxidized PAN Fiber Revenue Growth Rate 2015-2020 (US\$ Million)
- Figure 90. Latin America Oxidized PAN Fiber Sales Market Share by Country in 2019
- Figure 91. Latin America Oxidized PAN Fiber Revenue Market Share by Country in 2019
- Figure 92. Mexico Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 93. Mexico Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 94. Brazil Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 95. Brazil Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)



- Figure 96. Argentina Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 97. Argentina Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 98. Latin America Oxidized PAN Fiber Market Share by Type in 2019
- Figure 99. Latin America Oxidized PAN Fiber Market Share by Application in 2019
- Figure 100. Middle East and Africa Oxidized PAN Fiber Sales Growth Rate 2015-2020 ((K MT))
- Figure 101. Middle East and Africa Oxidized PAN Fiber Revenue Growth Rate 2015-2020 (US\$ Million)
- Figure 102. Middle East and Africa Oxidized PAN Fiber Sales Market Share by Country in 2019
- Figure 103. Middle East and Africa Oxidized PAN Fiber Revenue Market Share by Country in 2019
- Figure 104. Turkey Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 105. Turkey Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 106. Saudi Arabia Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 107. Saudi Arabia Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 108. U.A.E Oxidized PAN Fiber Sales Growth Rate (2015-2020) ((K MT))
- Figure 109. U.A.E Oxidized PAN Fiber Revenue Growth Rate (2015-2020) (US\$ Million)
- Figure 110. Middle East and Africa Oxidized PAN Fiber Market Share by Type in 2019
- Figure 111. Middle East and Africa Oxidized PAN Fiber Market Share by Application in 2019
- Figure 112. Toray Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 113. SGL Carbon Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 114. Teijin Carbon Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 115. YF International Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 116. Mitsubishi Chemical Carbon Fiber and Composites, Inc Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 117. North America Oxidized PAN Fiber Sales Growth Rate Forecast (2021-2026) ((K MT))
- Figure 118. North America Oxidized PAN Fiber Revenue Growth Rate Forecast (2021-2026) (US\$ Million)
- Figure 119. Europe Oxidized PAN Fiber Sales Growth Rate Forecast (2021-2026) ((K MT))
- Figure 120. Europe Oxidized PAN Fiber Revenue Growth Rate Forecast (2021-2026) (US\$ Million)
- Figure 121. Asia Pacific Oxidized PAN Fiber Sales Growth Rate Forecast (2021-2026)



((K MT))

Figure 122. Asia Pacific Oxidized PAN Fiber Revenue Growth Rate Forecast (2021-2026) (US\$ Million)

Figure 123. Latin America Oxidized PAN Fiber Sales Growth Rate Forecast (2021-2026) ((K MT))

Figure 124. Latin America Oxidized PAN Fiber Revenue Growth Rate Forecast (2021-2026) (US\$ Million)

Figure 125. Middle East and Africa Oxidized PAN Fiber Sales Growth Rate Forecast (2021-2026) ((K MT))

Figure 126. Middle East and Africa Oxidized PAN Fiber Revenue Growth Rate Forecast (2021-2026) (US\$ Million)

Figure 127. Porter's Five Forces Analysis

Figure 128. Channels of Distribution

Figure 129. Distributors Profiles

Figure 130. Bottom-up and Top-down Approaches for This Report

Figure 131. Data Triangulation

Figure 132. Key Executives Interviewed



I would like to order

Product name: Covid-19 Impact on Global Oxidized PAN Fiber Market Insights, Forecast to 2026

Product link: https://marketpublishers.com/r/CE4DB15B9354EN.html

Price: US\$ 3,900.00 (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/CE4DB15B9354EN.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
	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