

Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Market Research Report Forecast 2017-2021

<https://marketpublishers.com/r/EEF8D7C2201EN.html>

Date: March 2017

Pages: 139

Price: US\$ 3,040.00 (Single User License)

ID: EEF8D7C2201EN

Abstracts

The Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Market Research Report Forecast 2017-2021 is a valuable source of insightful data for business strategists. It provides the Polyacrylonitrile (PAN)-Based Carbon Fiber industry overview with growth analysis and historical & futuristic cost, revenue, demand and supply data (as applicable). The research analysts provide an elaborate description of the value chain and its distributor analysis. This Polyacrylonitrile (PAN)-Based Carbon Fiber market study provides comprehensive data which enhances the understanding, scope and application of this report.

This report provides comprehensive analysis of

Key market segments and sub-segments

Evolving market trends and dynamics

Changing supply and demand scenarios

Quantifying market opportunities through market sizing and market forecasting

Tracking current trends/opportunities/challenges

Competitive insights

Opportunity mapping in terms of technological breakthroughs

Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Market Analysis by Countries:

Germany
France
UK
Russia
Italy
Spain
Benelux

The Major players reported in the market include:

Cabot Corporation (US)
Cytac Industries, Inc. (US)
GrafTech International Ltd. (US)
HEG Ltd. (India)
Hexcel Corporation (US)
Mersen (France)
Mitsubishi Rayon Co., Ltd. (Japan)
Mitsubishi Rayon Carbon Fiber and Composites, Inc. (US)
Morgan Advanced Materials (UK)

Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Market Analysis by Product:

Type 1
Type 2
Type 3

Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Market Analysis by Application:

Chemical industry
Manufacturing industry
Laboratory

Reasons for Buying this Report

This report provides pin-point analysis for changing competitive dynamics

It provides a forward looking perspective on different factors driving or

restraining market growth

It provides a six-year forecast assessed on the basis of how the market is predicted to grow

It helps in understanding the key product segments and their future

It provides pin point analysis of changing competition dynamics and keeps you ahead of competitors

It helps in making informed business decisions by having complete insights of market and by making in-depth analysis of market segments

Contents

1 POLYACRYLONITRILE (PAN)-BASED CARBON FIBER MARKET OVERVIEW

1.1 Product Overview and Scope of Polyacrylonitrile (PAN)-Based Carbon Fiber

1.2 Classification of Polyacrylonitrile (PAN)-Based Carbon Fiber

1.2.1 Type

1.2.2 Type

1.2.3 Type

1.3 Application of Polyacrylonitrile (PAN)-Based Carbon Fiber

1.3.2 Chemical industry

1.3.3 Manufacturing industry

1.3.4 Laboratory

1.4 Polyacrylonitrile (PAN)-Based Carbon Fiber Market States Status and Prospect (2012-2021) by Countries

1.4.1 Germany

1.4.2 France

1.4.3 UK

1.4.4 Russia

1.4.5 Italy

1.4.6 Spain

1.4.7 Benelux

1.5 Europe Market Size (Value and Volume) of Polyacrylonitrile (PAN)-Based Carbon Fiber (2012-2021)

1.5.1 Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate (2012-2021)

1.5.2 Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate (2012-2021)

2 EUROPE ECONOMIC IMPACT ON POLYACRYLONITRILE (PAN)-BASED CARBON FIBER INDUSTRY

2.1 Europe Macroeconomic Analysis

2.2 Europe Macroeconomic Environment Development Trend

3 POLYACRYLONITRILE (PAN)-BASED CARBON FIBER MANUFACTURING COST ANALYSIS

3.1 Polyacrylonitrile (PAN)-Based Carbon Fiber Key Raw Materials Analysis

- 3.1.1 Key Raw Materials
- 3.1.2 Price Trend of Key Raw Materials
- 3.1.3 Key Suppliers of Raw Materials
- 3.1.4 Market Concentration Rate of Raw Materials
- 3.2 Proportion of Manufacturing Cost Structure
 - 3.2.1 Raw Materials
 - 3.2.2 Labor Cost
 - 3.2.3 Manufacturing Process Analysis of Polyacrylonitrile (PAN)-Based Carbon Fiber

4 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 4.1 Polyacrylonitrile (PAN)-Based Carbon Fiber Industrial Chain Analysis
- 4.2 Upstream Raw Materials Sourcing
- 4.3 Raw Materials Sources of Polyacrylonitrile (PAN)-Based Carbon Fiber Major Manufacturers in 2015
- 4.4 Downstream Buyers

5 EUROPE POLYACRYLONITRILE (PAN)-BASED CARBON FIBER MARKET ANALYSIS BY MANUFACTURERS, TYPE AND APPLICATION

- 5.1 Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Market Competition by Manufacturers
 - 5.1.1 Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share of Key Manufacturers (2015 and 2016)
 - 5.1.2 Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Share by Manufacturers (2015 and 2016)
- 5.2 Europe Polyacrylonitrile (PAN)-Based Carbon Fiber (Volume and Value) by Type
 - 5.2.1 Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by Type (2012-2017)
 - 5.2.2 Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Market Share by Type (2012-2017)
- 5.3 Europe Polyacrylonitrile (PAN)-Based Carbon Fiber (Volume and Value) by Countries
 - 5.3.1 Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by Countries (2012-2017)
 - 5.3.2 Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Market Share by Countries (2012-2017)
- 5.4 Europe Polyacrylonitrile (PAN)-Based Carbon Fiber (Volume) by Application

6 GERMANY POLYACRYLONITRILE (PAN)-BASED CARBON FIBER (VOLUME, VALUE AND SALES PRICE)

6.1 Germany Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Value (2012-2017)

6.1.1 Germany Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate (2012-2017)

6.1.2 Germany Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate (2012-2017)

6.1.3 Germany Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Price Trend (2012-2017)

6.2 Germany Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by Manufacturers

6.3 Germany Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by Type

6.4 Germany Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by Application

7 FRANCE POLYACRYLONITRILE (PAN)-BASED CARBON FIBER (VOLUME, VALUE AND SALES PRICE)

7.1 France Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Value (2012-2017)

7.1.1 France Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate (2012-2017)

7.1.2 France Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate (2012-2017)

7.1.3 France Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Price Trend (2012-2017)

7.2 France Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by Manufacturers

7.3 France Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by Type

7.4 France Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by Application

8 UK POLYACRYLONITRILE (PAN)-BASED CARBON FIBER (VOLUME, VALUE AND SALES PRICE)

8.1 UK Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Value (2012-2017)

8.1.1 UK Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate

(2012-2017)

8.1.2 UK Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate

(2012-2017)

8.1.3 UK Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Price Trend (2012-2017)

8.2 UK Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by
Manufacturers

8.3 UK Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by Type

8.4 UK Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by
Application

9 RUSSIA POLYACRYLONITRILE (PAN)-BASED CARBON FIBER (VOLUME, VALUE AND SALES PRICE)

9.1 Russia Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Value (2012-2017)

9.1.1 Russia Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate
(2012-2017)

9.1.2 Russia Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate
(2012-2017)

9.1.3 Russia Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Price Trend
(2012-2017)

9.2 Russia Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by
Manufacturers

9.3 Russia Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by
Type

9.4 Russia Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by
Application

10 ITALY POLYACRYLONITRILE (PAN)-BASED CARBON FIBER (VOLUME, VALUE AND SALES PRICE)

10.1 Italy Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Value (2012-2017)

10.1.1 Italy Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate
(2012-2017)

10.1.2 Italy Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate
(2012-2017)

10.1.3 Italy Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Price Trend (2012-2017)

10.2 Italy Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by
Manufacturers

10.3 Italy Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by Type

10.4 Italy Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by Application

11 SPAIN POLYACRYLONITRILE (PAN)-BASED CARBON FIBER (VOLUME, VALUE AND SALES PRICE)

11.1 Spain Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Value (2012-2017)

11.1.1 Spain Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate (2012-2017)

11.1.2 Spain Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate (2012-2017)

11.1.3 Spain Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Price Trend (2012-2017)

11.2 Spain Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by Manufacturers

11.3 Spain Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by Type

11.4 Spain Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by Application

12 BENELUX POLYACRYLONITRILE (PAN)-BASED CARBON FIBER (VOLUME, VALUE AND SALES PRICE)

12.1 Benelux Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Value (2012-2017)

12.1.1 Benelux Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate (2012-2017)

12.1.2 Benelux Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate (2012-2017)

12.1.3 Benelux Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Price Trend (2012-2017)

12.2 Benelux Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by Manufacturers

12.3 Benelux Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by Type

12.4 Benelux Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by Application

13 EUROPE POLYACRYLONITRILE (PAN)-BASED CARBON FIBER MANUFACTURERS ANALYSIS

13.1 Cabot Corporation (US)

13.1.1 Company Basic Information, Manufacturing Base and Competitors

13.1.2 Product Type, Application and Specification

13.1.3 Production, Revenue, Price and Gross Margin (2012-2017)

13.1.4 Business Overview

13.2 Cytec Industries, Inc. (US)

13.2.1 Company Basic Information, Manufacturing Base and Competitors

13.2.2 Product Type, Application and Specification

13.2.3 Production, Revenue, Price and Gross Margin (2012-2017)

13.2.4 Business Overview

13.3 GrafTech International Ltd. (US)

13.3.1 Company Basic Information, Manufacturing Base and Competitors

13.3.2 Product Type, Application and Specification

13.3.3 Production, Revenue, Price and Gross Margin (2012-2017)

13.3.4 Business Overview

13.4 HEG Ltd. (India)

13.4.1 Company Basic Information, Manufacturing Base and Competitors

13.4.2 Product Type, Application and Specification

13.4.3 Production, Revenue, Price and Gross Margin (2012-2017)

13.4.4 Business Overview

13.5 Hexcel Corporation (US)

13.5.1 Company Basic Information, Manufacturing Base and Competitors

13.5.2 Product Type, Application and Specification

13.5.3 Production, Revenue, Price and Gross Margin (2012-2017)

13.5.4 Business Overview

13.6 Mersen (France)

13.6.1 Company Basic Information, Manufacturing Base and Competitors

13.6.2 Product Type, Application and Specification

13.6.3 Production, Revenue, Price and Gross Margin (2012-2017)

13.6.4 Business Overview

13.7 Mitsubishi Rayon Co., Ltd. (Japan)

13.7.1 Company Basic Information, Manufacturing Base and Competitors

13.7.2 Product Type, Application and Specification

13.7.3 Production, Revenue, Price and Gross Margin (2012-2017)

13.7.4 Business Overview

13.8 Mitsubishi Rayon Carbon Fiber and Composites, Inc. (US)

13.8.1 Company Basic Information, Manufacturing Base and Competitors

13.8.2 Product Type, Application and Specification

13.8.3 Production, Revenue, Price and Gross Margin (2012-2017)

13.8.4 Business Overview

13.9 Morgan Advanced Materials (UK)

13.9.1 Company Basic Information, Manufacturing Base and Competitors

13.9.2 Product Type, Application and Specification

13.9.3 Production, Revenue, Price and Gross Margin (2012-2017)

13.9.4 Business Overview

13 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

13.1 Marketing Channel

13.1.1 Direct Marketing

13.1.2 Indirect Marketing

13.1.3 Marketing Channel Development Trend

13.2 Market Positioning

13.2.1 Pricing Strategy

13.2.2 Brand Strategy

13.2.3 Target Client

13.3 Distributors/Traders List

14 MARKET EFFECT FACTORS ANALYSIS

14.1 Technology Progress/Risk

14.1.1 Substitutes Threat

14.1.2 Technology Progress in Related Industry

14.2 Consumer Needs/Customer Preference Change

14.3 Economic/Political Environmental Change

15 EUROPE POLYACRYLONITRILE (PAN)-BASED CARBON FIBER MARKET FORECAST (2017-2021)

15.1 Germany Market Forecast (2017-2021)

15.2 France Market Forecast (2017-2021)

15.3 UK Market Forecast (2017-2021)

15.4 Russia Market Forecast (2017-2021)

15.5 Italy Market Forecast (2017-2021)

15.6 Spain Market Forecast (2017-2021)

15.7 Benelux Market Forecast (2017-2021)

15.8 Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Market Forecast by Type

(2017-2021)

15.9 Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Market Forecast by Application (2017-2021)

16 APPENDIX

List Of Tables

LIST OF TABLES AND FIGURES

Figure Picture of Polyacrylonitrile (PAN)-Based Carbon Fiber

Table Classification of Polyacrylonitrile (PAN)-Based Carbon Fiber

Figure Europe Sales Market Share of Polyacrylonitrile (PAN)-Based Carbon Fiber by Type in 2015

Table Application of Polyacrylonitrile (PAN)-Based Carbon Fiber

Figure Europe Sales Market Share of Polyacrylonitrile (PAN)-Based Carbon Fiber by Application in 2015

Figure Germany Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate (2012-2021)

Figure France Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate (2012-2021)

Figure UK Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate (2012-2021)

Figure Russia Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate (2012-2021)

Figure Italy Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate (2012-2021)

Figure Spain Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate (2012-2021)

Figure Benelux Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate (2012-2021)

Figure Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate (2012-2021)

Figure Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate (2012-2021)

Table Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Sales of Key Manufacturers (2015 and 2016)

Table Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Share by Manufacturers (2015 and 2016)

Figure 2015 Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Share by Manufacturers

Figure 2016 Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Share by Manufacturers

Table Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue by Manufacturers (2015 and 2016)

Table Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue Share by Manufacturers (2015 and 2016)

Table 2015 Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue Share by Manufacturers

Table 2016 Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue Share by Manufacturers

Table Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by Type (2012-2017)

Table Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Share by Type (2012-2017)

Figure Sales Market Share of Polyacrylonitrile (PAN)-Based Carbon Fiber by Type (2012-2017)

Figure Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Growth Rate by Type (2012-2017)

Table Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Market Share by Type (2012-2017)

Table Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue Share by Type (2012-2017)

Figure Revenue Market Share of Polyacrylonitrile (PAN)-Based Carbon Fiber by Type (2012-2017)

Figure Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue Growth Rate by Type (2012-2017)

Table Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by Countries (2012-2017)

Table Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Share by Countries (2012-2017)

Figure Sales Market Share of Polyacrylonitrile (PAN)-Based Carbon Fiber by Countries (2012-2017)

Table Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Market Share by Countries (2012-2017)

Table Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue Share by Countries (2012-2017)

Figure Revenue Market Share of Polyacrylonitrile (PAN)-Based Carbon Fiber by Countries (2012-2017)

Table Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Market Share by Application (2012-2017)

Table Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Share by Application (2012-2017)

Figure Sales Market Share of Polyacrylonitrile (PAN)-Based Carbon Fiber by Application (2012-2017)

Figure Germany Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate

(2012-2017)

Figure Germany Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate (2012-2017)

Figure Germany Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Price Trend (2012-2017)

Table Germany Polyacrylonitrile (PAN)-Based Carbon Fiber Sales by Manufacturers (2015 and 2016)

Table Germany Polyacrylonitrile (PAN)-Based Carbon Fiber Market Share by Manufacturers (2015 and 2016)

Table Germany Polyacrylonitrile (PAN)-Based Carbon Fiber Sales by Type (2015 and 2016)

Table Germany Polyacrylonitrile (PAN)-Based Carbon Fiber Market Share by Type (2015 and 2016)

Table Germany Polyacrylonitrile (PAN)-Based Carbon Fiber Sales by Application (2015 and 2016)

Table Germany Polyacrylonitrile (PAN)-Based Carbon Fiber Market Share by Application (2015 and 2016)

Figure France Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate (2012-2017)

Figure France Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate (2012-2017)

Figure France Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Price Trend (2012-2017)

Table France Polyacrylonitrile (PAN)-Based Carbon Fiber Sales by Manufacturers (2015 and 2016)

Table France Polyacrylonitrile (PAN)-Based Carbon Fiber Market Share by Manufacturers (2015 and 2016)

Table France Polyacrylonitrile (PAN)-Based Carbon Fiber Sales by Type (2015 and 2016)

Table France Polyacrylonitrile (PAN)-Based Carbon Fiber Market Share by Type (2015 and 2016)

Table France Polyacrylonitrile (PAN)-Based Carbon Fiber Sales by Application (2015 and 2016)

Table France Polyacrylonitrile (PAN)-Based Carbon Fiber Market Share by Application (2015 and 2016)

Figure UK Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate (2012-2017)

Figure UK Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate (2012-2017)

Figure UK Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Price Trend (2012-2017)

Table UK Polyacrylonitrile (PAN)-Based Carbon Fiber Sales by Manufacturers (2015 and 2016)

Table UK Polyacrylonitrile (PAN)-Based Carbon Fiber Market Share by Manufacturers (2015 and 2016)

Table UK Polyacrylonitrile (PAN)-Based Carbon Fiber Sales by Type (2015 and 2016)

Table UK Polyacrylonitrile (PAN)-Based Carbon Fiber Market Share by Type (2015 and 2016)

Table UK Polyacrylonitrile (PAN)-Based Carbon Fiber Sales by Application (2015 and 2016)

Table UK Polyacrylonitrile (PAN)-Based Carbon Fiber Market Share by Application (2015 and 2016)

Figure Russia Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate (2012-2017)

Figure Russia Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate (2012-2017)

Figure Russia Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Price Trend (2012-2017)

Table Russia Polyacrylonitrile (PAN)-Based Carbon Fiber Sales by Manufacturers (2015 and 2016)

Table Russia Polyacrylonitrile (PAN)-Based Carbon Fiber Market Share by Manufacturers (2015 and 2016)

Table Russia Polyacrylonitrile (PAN)-Based Carbon Fiber Sales by Type (2015 and 2016)

Table Russia Polyacrylonitrile (PAN)-Based Carbon Fiber Market Share by Type (2015 and 2016)

Table Russia Polyacrylonitrile (PAN)-Based Carbon Fiber Sales by Application (2015 and 2016)

Table Russia Polyacrylonitrile (PAN)-Based Carbon Fiber Market Share by Application (2015 and 2016)

Figure Italy Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate (2012-2017)

Figure Italy Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate (2012-2017)

Figure Italy Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Price Trend (2012-2017)

Table Italy Polyacrylonitrile (PAN)-Based Carbon Fiber Sales by Manufacturers (2015 and 2016)

Table Italy Polyacrylonitrile (PAN)-Based Carbon Fiber Market Share by Manufacturers (2015 and 2016)

Table Italy Polyacrylonitrile (PAN)-Based Carbon Fiber Sales by Type (2015 and 2016)

Table Italy Polyacrylonitrile (PAN)-Based Carbon Fiber Market Share by Type (2015 and 2016)

Table Italy Polyacrylonitrile (PAN)-Based Carbon Fiber Sales by Application (2015 and 2016)

Table Italy Polyacrylonitrile (PAN)-Based Carbon Fiber Market Share by Application (2015 and 2016)

Figure Spain Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate (2012-2017)

Figure Spain Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate (2012-2017)

Figure Spain Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Price Trend (2012-2017)

Table Spain Polyacrylonitrile (PAN)-Based Carbon Fiber Sales by Manufacturers (2015 and 2016)

Table Spain Polyacrylonitrile (PAN)-Based Carbon Fiber Market Share by Manufacturers (2015 and 2016)

Table Spain Polyacrylonitrile (PAN)-Based Carbon Fiber Sales by Type (2015 and 2016)

Table Spain Polyacrylonitrile (PAN)-Based Carbon Fiber Market Share by Type (2015 and 2016)

Table Spain Polyacrylonitrile (PAN)-Based Carbon Fiber Sales by Application (2015 and 2016)

Table Spain Polyacrylonitrile (PAN)-Based Carbon Fiber Market Share by Application (2015 and 2016)

Figure Benelux Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate (2012-2017)

Figure Benelux Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate (2012-2017)

Figure Benelux Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Price Trend (2012-2017)

Table Benelux Polyacrylonitrile (PAN)-Based Carbon Fiber Sales by Manufacturers (2015 and 2016)

Table Benelux Polyacrylonitrile (PAN)-Based Carbon Fiber Market Share by Manufacturers (2015 and 2016)

Table Benelux Polyacrylonitrile (PAN)-Based Carbon Fiber Sales by Type (2015 and 2016)

Table Benelux Polyacrylonitrile (PAN)-Based Carbon Fiber Market Share by Type (2015 and 2016)

Table Benelux Polyacrylonitrile (PAN)-Based Carbon Fiber Sales by Application (2015 and 2016)

Table Benelux Polyacrylonitrile (PAN)-Based Carbon Fiber Market Share by Application (2015 and 2016)

Table Cabot Corporation (US) Basic Information List

Table Cabot Corporation (US) Polyacrylonitrile (PAN)-Based Carbon Fiber Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Cabot Corporation (US) Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Market Share (2012-2017)

Table Cytec Industries, Inc. (US) Basic Information List

Table Cytec Industries, Inc. (US) Polyacrylonitrile (PAN)-Based Carbon Fiber Sales, Revenue, Price and Gross Margin (2012-2017)

Table Cytec Industries, Inc. (US) Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Market Share (2012-2017)

Table GrafTech International Ltd. (US) Basic Information List

Table GrafTech International Ltd. (US) Polyacrylonitrile (PAN)-Based Carbon Fiber Sales, Revenue, Price and Gross Margin (2012-2017)

Figure GrafTech International Ltd. (US) Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Market Share (2012-2017)

Table HEG Ltd. (India) Basic Information List

Table HEG Ltd. (India) Polyacrylonitrile (PAN)-Based Carbon Fiber Sales, Revenue, Price and Gross Margin (2012-2017)

Table HEG Ltd. (India) Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Market Share (2012-2017)

Table Hexcel Corporation (US) Basic Information List

Table Hexcel Corporation (US) Polyacrylonitrile (PAN)-Based Carbon Fiber Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Hexcel Corporation (US) Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Market Share (2012-2017)

Table Mersen (France) Basic Information List

Table Mersen (France) Polyacrylonitrile (PAN)-Based Carbon Fiber Sales, Revenue, Price and Gross Margin (2012-2017)

Table Mersen (France) Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Market Share (2012-2017)

Table Mitsubishi Rayon Co., Ltd. (Japan) Basic Information List

Table Mitsubishi Rayon Co., Ltd. (Japan) Polyacrylonitrile (PAN)-Based Carbon Fiber Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Mitsubishi Rayon Co., Ltd. (Japan) Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Market Share (2012-2017)

Table Mitsubishi Rayon Carbon Fiber and Composites, Inc. (US) Basic Information List

Table Mitsubishi Rayon Carbon Fiber and Composites, Inc. (US) Polyacrylonitrile (PAN)-Based Carbon Fiber Sales, Revenue, Price and Gross Margin (2012-2017)

Table Mitsubishi Rayon Carbon Fiber and Composites, Inc. (US) Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Market Share (2012-2017)

Table Morgan Advanced Materials (UK) Basic Information List

Table Morgan Advanced Materials (UK) Polyacrylonitrile (PAN)-Based Carbon Fiber Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Morgan Advanced Materials (UK) Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Market Share (2012-2017).

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Polyacrylonitrile (PAN)-Based Carbon Fiber

Figure Manufacturing Process Analysis of Polyacrylonitrile (PAN)-Based Carbon Fiber

Figure Polyacrylonitrile (PAN)-Based Carbon Fiber Industrial Chain Analysis

Table Raw Materials Sources of Polyacrylonitrile (PAN)-Based Carbon Fiber Major Manufacturers in 2015

Table Major Buyers of Polyacrylonitrile (PAN)-Based Carbon Fiber

Table Distributors/Traders List

Figure Germany Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate Forecast (2017-2021)

Figure Germany Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate Forecast (2017-2021)

Figure France Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate Forecast (2017-2021)

Figure France Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate Forecast (2017-2021)

Figure UK Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate Forecast (2017-2021)

Figure UK Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate Forecast (2017-2021)

Figure Russia Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate Forecast (2017-2021)

Figure Russia Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate Forecast (2017-2021)

Figure Italy Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate Forecast (2017-2021)

Figure Italy Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate

Forecast (2017-2021)

Figure Spain Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate

Forecast (2017-2021)

Figure Spain Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate

Forecast (2017-2021)

Figure Benelux Polyacrylonitrile (PAN)-Based Carbon Fiber Sales and Growth Rate

Forecast (2017-2021)

Figure Benelux Polyacrylonitrile (PAN)-Based Carbon Fiber Revenue and Growth Rate

Forecast (2017-2021)

Table Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Forecast by Type
(2017-2021)

Table Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Sales Forecast by
Application (2017-2021)

I would like to order

Product name: Europe Polyacrylonitrile (PAN)-Based Carbon Fiber Market Research Report Forecast 2017-2021

Product link: <https://marketpublishers.com/r/EEF8D7C2201EN.html>

Price: US\$ 3,040.00 (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/EEF8D7C2201EN.html>

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

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

****All fields are required**

Customer signature _____

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

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

