

# Aramid Fiber Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/A9DBBBCDA515EN.html>

Date: June 2023

Pages: 142

Price: US\$ 2,499.00 (Single User License)

ID: A9DBBBCDA515EN

## Abstracts

The global aramid fiber market size reached US\$ 3.8 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 4.6 Billion by 2028, exhibiting a growth rate (CAGR) of 3.3% during 2023-2028.

Aramid fiber is a synthetic organic polymer, which is produced by spinning a liquid crystalline solution of long-chain polyamide in concentrated sulfuric acid. The molecules of this fiber are linked by strong hydrogen bonds that provide immense strength and resistance against abrasion, heat and organic solvents, along with a low melting point to the end product. It is majorly utilized for electrical insulation, producing protective clothing for firefighters, racers and military personnel, and heat shields in automotive and aerospace equipment. In the construction industry, aramid fiber is used for manufacturing fiber-reinforced concrete and corrosion-resistant thermoplastic pipes, which prolong the life of the pipeline and reduce the overall maintenance costs.

The growing automotive, aerospace, defense and construction industries are among the key factors driving the growth of the market. Furthermore, the growing demand for lightweight materials for personnel protective equipment that protect the wearer from physical, thermal, electrical and biological hazards, is also providing a thrust to the market growth. Aramid fiber is also used for the production of bullet-proof and stab-resistant products, including helmets, gloves and clothing material. Additionally, it is widely utilized for the manufacturing of products such as fishing and golf rods, bows, skis and wall materials of airplanes. The increasing industrialization and urbanization across the globe is another factor favoring the market growth. Rising urban migration is augmenting the construction of new infrastructural projects, which is catalyzing the demand for aramid fiber as an asbestos and steel substitute. Other factors, including extensive research and development (R&D) and emerging applications in the optical

fiber industry, are projected to drive the market in the upcoming years.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global aramid fiber market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product type, application and end-use industry.

#### Breakup by Product Type:

- Meta-Aramid Fiber
- Para-Aramid Fiber
- Others

#### Breakup by Application:

- Protective Fabrics
- Frictional Materials
- Optical Fibers
- Tire Reinforcement
- Rubber Reinforcement
- Composites
- Others

#### Breakup by End-Use Industry:

- Aerospace and Defense
- Automotive
- Electronics and Telecommunication
- Sports Goods
- Others

#### Breakup by Region:

- North America
  - United States
  - Canada
- Asia Pacific
  - China

Japan  
India  
South Korea  
Australia  
Indonesia  
Others  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

#### Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Teijin, DuPont de Nemours Inc., Yantai Tayho Advanced Materials Company, Hyosung Corporation, Toray Chemical Korea, Kolon Industries, Huvis, China National BlueStar Group Company, Taekwang Industrial, JSC Kamenskvolochno and Guangdong Charming Company.

#### Key Questions Answered in This Report

1. What was the size of the global aramid fiber market in 2022?
2. What is the expected growth rate of the global aramid fiber market during 2023-2028?
3. What are the key factors driving the global aramid fiber market?
4. What has been the impact of COVID-19 on the global aramid fiber market?
5. What is the breakup of the global aramid fiber market based on the product type?
6. What is the breakup of the global aramid fiber market based on the application?
7. What is the breakup of the global aramid fiber market based on the end-use industry?
8. What are the key regions in the global aramid fiber market?

9. Who are the key players/companies in the global aramid fiber market?

## Contents

### **1 PREFACE**

### **2 SCOPE AND METHODOLOGY**

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### **3 EXECUTIVE SUMMARY**

### **4 INTRODUCTION**

- 4.1 Overview
- 4.2 Key Industry Trends

### **5 GLOBAL ARAMID FIBER MARKET**

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

### **6 MARKET BREAKUP BY PRODUCT TYPE**

- 6.1 Meta-Aramid Fiber
  - 6.1.1 Market Trends
  - 6.1.2 Market Forecast
- 6.2 Para-Aramid Fiber
  - 6.2.1 Market Trends
  - 6.2.2 Market Forecast
- 6.3 Others

6.3.1 Market Trends

6.3.2 Market Forecast

## **7 MARKET BREAKUP BY APPLICATION**

7.1 Protective Fabrics

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Frictional Materials

7.2.1 Market Trends

7.2.2 Market Forecast

7.3 Optical Fibers

7.3.1 Market Trends

7.3.2 Market Forecast

7.4 Tire Reinforcement

7.4.1 Market Trends

7.4.2 Market Forecast

7.5 Rubber Reinforcement

7.5.1 Market Trends

7.5.2 Market Forecast

7.6 Composites

7.6.1 Market Trends

7.6.2 Market Forecast

7.7 Others

7.7.1 Market Trends

7.7.2 Market Forecast

## **8 MARKET BREAKUP BY END-USE INDUSTRY**

8.1 Aerospace and Defense

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Automotive

8.2.1 Market Trends

8.2.2 Market Forecast

8.3 Electronics and Telecommunication

8.3.1 Market Trends

8.3.2 Market Forecast

8.4 Sports Goods

8.4.1 Market Trends

8.4.2 Market Forecast

8.5 Others

8.5.1 Market Trends

8.5.2 Market Forecast

## **9 MARKET BREAKUP BY REGION**

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

9.1.2 Canada

9.1.2.1 Market Trends

9.1.2.2 Market Forecast

9.2 Asia Pacific

9.2.1 China

9.2.1.1 Market Trends

9.2.1.2 Market Forecast

9.2.2 Japan

9.2.2.1 Market Trends

9.2.2.2 Market Forecast

9.2.3 India

9.2.3.1 Market Trends

9.2.3.2 Market Forecast

9.2.4 South Korea

9.2.4.1 Market Trends

9.2.4.2 Market Forecast

9.2.5 Australia

9.2.5.1 Market Trends

9.2.5.2 Market Forecast

9.2.6 Indonesia

9.2.6.1 Market Trends

9.2.6.2 Market Forecast

9.2.7 Others

9.2.7.1 Market Trends

9.2.7.2 Market Forecast

9.3 Europe

9.3.1 Germany

- 9.3.1.1 Market Trends
- 9.3.1.2 Market Forecast
- 9.3.2 France
  - 9.3.2.1 Market Trends
  - 9.3.2.2 Market Forecast
- 9.3.3 United Kingdom
  - 9.3.3.1 Market Trends
  - 9.3.3.2 Market Forecast
- 9.3.4 Italy
  - 9.3.4.1 Market Trends
  - 9.3.4.2 Market Forecast
- 9.3.5 Spain
  - 9.3.5.1 Market Trends
  - 9.3.5.2 Market Forecast
- 9.3.6 Russia
  - 9.3.6.1 Market Trends
  - 9.3.6.2 Market Forecast
- 9.3.7 Others
  - 9.3.7.1 Market Trends
  - 9.3.7.2 Market Forecast
- 9.4 Latin America
  - 9.4.1 Brazil
    - 9.4.1.1 Market Trends
    - 9.4.1.2 Market Forecast
  - 9.4.2 Mexico
    - 9.4.2.1 Market Trends
    - 9.4.2.2 Market Forecast
  - 9.4.3 Others
    - 9.4.3.1 Market Trends
    - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
  - 9.5.1 Market Trends
  - 9.5.2 Market Breakup by Country
  - 9.5.3 Market Forecast

## **10 SWOT ANALYSIS**

- 10.1 Overview
- 10.2 Strengths



10.3 Weaknesses

10.4 Opportunities

10.5 Threats

## **11 VALUE CHAIN ANALYSIS**

## **12 PORTERS FIVE FORCES ANALYSIS**

12.1 Overview

12.2 Bargaining Power of Buyers

12.3 Bargaining Power of Suppliers

12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes

## **13 PRICE INDICATORS**

## **14 COMPETITIVE LANDSCAPE**

14.1 Market Structure

14.2 Key Players

14.3 Profiles of Key Players

14.3.1 Teijin

14.3.1.1 Company Overview

14.3.1.2 Product Portfolio

14.3.1.3 Financials

14.3.1.4 SWOT Analysis

14.3.2 DuPont de Nemours Inc.

14.3.2.1 Company Overview

14.3.2.2 Product Portfolio

14.3.2.3 Financials

14.3.2.4 SWOT Analysis

14.3.3 Yantai Tayho Advanced Materials Company

14.3.3.1 Company Overview

14.3.3.2 Product Portfolio

14.3.4 Hyosung Corporation

14.3.4.1 Company Overview

14.3.4.2 Product Portfolio

14.3.4.3 Financials

- 14.3.5 Toray Chemical Korea
  - 14.3.5.1 Company Overview
  - 14.3.5.2 Product Portfolio
- 14.3.6 Kolon Industries
  - 14.3.6.1 Company Overview
  - 14.3.6.2 Product Portfolio
  - 14.3.6.3 Financials
  - 14.3.6.4 SWOT Analysis
- 14.3.7 Huvis
  - 14.3.7.1 Company Overview
  - 14.3.7.2 Product Portfolio
  - 14.3.7.3 Financials
- 14.3.8 China National Bluestar Group Company
  - 14.3.8.1 Company Overview
  - 14.3.8.2 Product Portfolio
- 14.3.9 Taekwang Industrial
  - 14.3.9.1 Company Overview
  - 14.3.9.2 Product Portfolio
  - 14.3.9.3 Financials
  - 14.3.9.4 SWOT Analysis
- 14.3.10 JSC Kamenskvolokno
  - 14.3.10.1 Company Overview
  - 14.3.10.2 Product Portfolio
- 14.3.11 Guangdong Charming Company
  - 14.3.11.1 Company Overview
  - 14.3.11.2 Product Portfolio

## List Of Tables

### LIST OF TABLES

Table 1: Global: Aramid Fiber Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Aramid Fiber Market Forecast: Breakup by Product Type (in Million US\$), 2023-2028

Table 3: Global: Aramid Fiber Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 4: Global: Aramid Fiber Market Forecast: Breakup by End-Use Industry (in Million US\$), 2023-2028

Table 5: Global: Aramid Fiber Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: Aramid Fiber Market: Competitive Structure

Table 7: Global: Aramid Fiber Market: Key Players

## List Of Figures

### LIST OF FIGURES

Figure 1: Global: Aramid Fiber Market: Major Drivers and Challenges

Figure 2: Global: Aramid Fiber Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Aramid Fiber Market: Breakup by Product Type (in %), 2022

Figure 4: Global: Aramid Fiber Market: Breakup by Application (in %), 2022

Figure 5: Global: Aramid Fiber Market: Breakup by End-Use Industry (in %), 2022

Figure 6: Global: Aramid Fiber Market: Breakup by Region (in %), 2022

Figure 7: Global: Aramid Fiber Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 8: Global: Aramid Fiber (Meta-Aramid Fiber) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 9: Global: Aramid Fiber (Meta-Aramid Fiber) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 10: Global: Aramid Fiber (Para-Aramid Fiber) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: Aramid Fiber (Para-Aramid Fiber) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Aramid Fiber (Others) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Aramid Fiber (Others) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Aramid Fiber (Protective Fabrics) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: Aramid Fiber (Protective Fabrics) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: Aramid Fiber (Frictional Materials) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: Aramid Fiber (Frictional Materials) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: Aramid Fiber (Composites) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 19: Global: Aramid Fiber (Composites) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: Aramid Fiber (Optical Fibers) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 21: Global: Aramid Fiber (Optical Fibers) Market Forecast: Sales Value (in Million US\$), 2023-2028

US\$), 2023-2028

Figure 22: Global: Aramid Fiber (Rubber Reinforcement) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Global: Aramid Fiber (Rubber Reinforcement) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Global: Aramid Fiber (Tire Reinforcement) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: Aramid Fiber (Tire Reinforcement) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Global: Aramid Fiber (Other Applications) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Global: Aramid Fiber (Other Applications) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Global: Aramid Fiber (Aerospace and Defense) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Global: Aramid Fiber (Aerospace and Defense) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Global: Aramid Fiber (Automotive) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Global: Aramid Fiber (Automotive) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: Global: Aramid Fiber (Electronics and Telecommunication) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: Global: Aramid Fiber (Electronics and Telecommunication) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: Global: Aramid Fiber (Sporting Goods) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: Global: Aramid Fiber (Sporting Goods) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: Global: Aramid Fiber (Other Industries) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: Global: Aramid Fiber (Other Industries) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: North America: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: North America: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: United States: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: United States: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: Canada: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: Canada: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: Asia Pacific: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: Asia Pacific: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: China: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: China: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: Japan: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: Japan: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: India: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: India: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: South Korea: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: South Korea: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: Australia: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: Australia: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: Indonesia: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Indonesia: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: Others: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: Others: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: Europe: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: Europe: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 62: Germany: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: Germany: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: France: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: France: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: United Kingdom: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: United Kingdom: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Italy: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Italy: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 70: Spain: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: Spain: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 72: Russia: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: Russia: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 74: Others: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 75: Others: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 76: Latin America: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 77: Latin America: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 78: Brazil: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 79: Brazil: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 80: Mexico: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 81: Mexico: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 82: Others: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 83: Others: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 84: Middle East and Africa: Aramid Fiber Market: Sales Value (in Million US\$), 2017 & 2022

Figure 85: Middle East and Africa: Aramid Fiber Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 86: Global: Aramid Fiber Industry: SWOT Analysis

Figure 87: Global: Aramid Fiber Industry: Value Chain Analysis

Figure 88: Global: Aramid Fiber Industry: Porter's Five Forces Analysis

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