

# Global 3D Printed Cellulose Nanofibers (CNF) Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G495C58F3F3AEN.html>

Date: July 2023

Pages: 102

Price: US\$ 4,480.00 (Single User License)

ID: G495C58F3F3AEN

## Abstracts

The global 3D Printed Cellulose Nanofibers (CNF) market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

This report studies the global 3D Printed Cellulose Nanofibers (CNF) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for 3D Printed Cellulose Nanofibers (CNF), and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of 3D Printed Cellulose Nanofibers (CNF) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global 3D Printed Cellulose Nanofibers (CNF) total production and demand, 2018-2029, (Tons)

Global 3D Printed Cellulose Nanofibers (CNF) total production value, 2018-2029, (USD Million)

Global 3D Printed Cellulose Nanofibers (CNF) production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global 3D Printed Cellulose Nanofibers (CNF) consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: 3D Printed Cellulose Nanofibers (CNF) domestic production, consumption, key domestic manufacturers and share

Global 3D Printed Cellulose Nanofibers (CNF) production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global 3D Printed Cellulose Nanofibers (CNF) production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global 3D Printed Cellulose Nanofibers (CNF) production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global 3D Printed Cellulose Nanofibers (CNF) market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include CELLINK (BICO GROUP AB), UPM Biomedicals, Novum, CelluForce, Axcelon Biopolymers Corporation, Nanografi, Oji Holdings Corporation and Sappi, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World 3D Printed Cellulose Nanofibers (CNF) market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global 3D Printed Cellulose Nanofibers (CNF) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### Global 3D Printed Cellulose Nanofibers (CNF) Market, Segmentation by Type

Fused Deposition Modeling (FDM)

Direct Ink Writing (DIW)

Digital Light Processing (DLP)

Stereolithography (SLA)

Inkjet 3D Printing

Selective Laser Sintering (SLS)

### Global 3D Printed Cellulose Nanofibers (CNF) Market, Segmentation by Application

Biomedical

Environmental

Food and Packaging

Electronics

Others

Companies Profiled:

CELLINK (BICO GROUP AB)

UPM Biomedicals

Novum

CelluForce

Axcelon Biopolymers Corporation

Nanografi

Oji Holdings Corporation

Sappi

Key Questions Answered

1. How big is the global 3D Printed Cellulose Nanofibers (CNF) market?
2. What is the demand of the global 3D Printed Cellulose Nanofibers (CNF) market?
3. What is the year over year growth of the global 3D Printed Cellulose Nanofibers (CNF) market?
4. What is the production and production value of the global 3D Printed Cellulose Nanofibers (CNF) market?
5. Who are the key producers in the global 3D Printed Cellulose Nanofibers (CNF) market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 3D Printed Cellulose Nanofibers (CNF) Introduction
- 1.2 World 3D Printed Cellulose Nanofibers (CNF) Supply & Forecast
  - 1.2.1 World 3D Printed Cellulose Nanofibers (CNF) Production Value (2018 & 2022 & 2029)
  - 1.2.2 World 3D Printed Cellulose Nanofibers (CNF) Production (2018-2029)
  - 1.2.3 World 3D Printed Cellulose Nanofibers (CNF) Pricing Trends (2018-2029)
- 1.3 World 3D Printed Cellulose Nanofibers (CNF) Production by Region (Based on Production Site)
  - 1.3.1 World 3D Printed Cellulose Nanofibers (CNF) Production Value by Region (2018-2029)
  - 1.3.2 World 3D Printed Cellulose Nanofibers (CNF) Production by Region (2018-2029)
  - 1.3.3 World 3D Printed Cellulose Nanofibers (CNF) Average Price by Region (2018-2029)
  - 1.3.4 North America 3D Printed Cellulose Nanofibers (CNF) Production (2018-2029)
  - 1.3.5 Europe 3D Printed Cellulose Nanofibers (CNF) Production (2018-2029)
  - 1.3.6 China 3D Printed Cellulose Nanofibers (CNF) Production (2018-2029)
  - 1.3.7 Japan 3D Printed Cellulose Nanofibers (CNF) Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 3D Printed Cellulose Nanofibers (CNF) Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 3D Printed Cellulose Nanofibers (CNF) Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
  - 1.5.1 Influence of COVID-19
  - 1.5.2 Influence of Russia-Ukraine War

### 2 DEMAND SUMMARY

- 2.1 World 3D Printed Cellulose Nanofibers (CNF) Demand (2018-2029)
- 2.2 World 3D Printed Cellulose Nanofibers (CNF) Consumption by Region
  - 2.2.1 World 3D Printed Cellulose Nanofibers (CNF) Consumption by Region (2018-2023)
  - 2.2.2 World 3D Printed Cellulose Nanofibers (CNF) Consumption Forecast by Region (2024-2029)
- 2.3 United States 3D Printed Cellulose Nanofibers (CNF) Consumption (2018-2029)
- 2.4 China 3D Printed Cellulose Nanofibers (CNF) Consumption (2018-2029)

- 2.5 Europe 3D Printed Cellulose Nanofibers (CNF) Consumption (2018-2029)
- 2.6 Japan 3D Printed Cellulose Nanofibers (CNF) Consumption (2018-2029)
- 2.7 South Korea 3D Printed Cellulose Nanofibers (CNF) Consumption (2018-2029)
- 2.8 ASEAN 3D Printed Cellulose Nanofibers (CNF) Consumption (2018-2029)
- 2.9 India 3D Printed Cellulose Nanofibers (CNF) Consumption (2018-2029)

### **3 WORLD 3D PRINTED CELLULOSE NANOFIBERS (CNF) MANUFACTURERS COMPETITIVE ANALYSIS**

- 3.1 World 3D Printed Cellulose Nanofibers (CNF) Production Value by Manufacturer (2018-2023)
- 3.2 World 3D Printed Cellulose Nanofibers (CNF) Production by Manufacturer (2018-2023)
- 3.3 World 3D Printed Cellulose Nanofibers (CNF) Average Price by Manufacturer (2018-2023)
- 3.4 3D Printed Cellulose Nanofibers (CNF) Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global 3D Printed Cellulose Nanofibers (CNF) Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for 3D Printed Cellulose Nanofibers (CNF) in 2022
  - 3.5.3 Global Concentration Ratios (CR8) for 3D Printed Cellulose Nanofibers (CNF) in 2022
- 3.6 3D Printed Cellulose Nanofibers (CNF) Market: Overall Company Footprint Analysis
  - 3.6.1 3D Printed Cellulose Nanofibers (CNF) Market: Region Footprint
  - 3.6.2 3D Printed Cellulose Nanofibers (CNF) Market: Company Product Type Footprint
  - 3.6.3 3D Printed Cellulose Nanofibers (CNF) Market: Company Product Application Footprint
- 3.7 Competitive Environment
  - 3.7.1 Historical Structure of the Industry
  - 3.7.2 Barriers of Market Entry
  - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

### **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

- 4.1 United States VS China: 3D Printed Cellulose Nanofibers (CNF) Production Value Comparison

4.1.1 United States VS China: 3D Printed Cellulose Nanofibers (CNF) Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: 3D Printed Cellulose Nanofibers (CNF) Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: 3D Printed Cellulose Nanofibers (CNF) Production Comparison

4.2.1 United States VS China: 3D Printed Cellulose Nanofibers (CNF) Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: 3D Printed Cellulose Nanofibers (CNF) Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: 3D Printed Cellulose Nanofibers (CNF) Consumption Comparison

4.3.1 United States VS China: 3D Printed Cellulose Nanofibers (CNF) Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: 3D Printed Cellulose Nanofibers (CNF) Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based 3D Printed Cellulose Nanofibers (CNF) Manufacturers and Market Share, 2018-2023

4.4.1 United States Based 3D Printed Cellulose Nanofibers (CNF) Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers 3D Printed Cellulose Nanofibers (CNF) Production Value (2018-2023)

4.4.3 United States Based Manufacturers 3D Printed Cellulose Nanofibers (CNF) Production (2018-2023)

4.5 China Based 3D Printed Cellulose Nanofibers (CNF) Manufacturers and Market Share

4.5.1 China Based 3D Printed Cellulose Nanofibers (CNF) Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers 3D Printed Cellulose Nanofibers (CNF) Production Value (2018-2023)

4.5.3 China Based Manufacturers 3D Printed Cellulose Nanofibers (CNF) Production (2018-2023)

4.6 Rest of World Based 3D Printed Cellulose Nanofibers (CNF) Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based 3D Printed Cellulose Nanofibers (CNF) Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers 3D Printed Cellulose Nanofibers (CNF) Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers 3D Printed Cellulose Nanofibers (CNF)



Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World 3D Printed Cellulose Nanofibers (CNF) Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Fused Deposition Modeling (FDM)

5.2.2 Direct Ink Writing (DIW)

5.2.3 Digital Light Processing (DLP)

5.2.4 Stereolithography (SLA)

5.2.5 Inkjet 3D Printing

5.2.6 Selective Laser Sintering (SLS)

5.3 Market Segment by Type

5.3.1 World 3D Printed Cellulose Nanofibers (CNF) Production by Type (2018-2029)

5.3.2 World 3D Printed Cellulose Nanofibers (CNF) Production Value by Type (2018-2029)

5.3.3 World 3D Printed Cellulose Nanofibers (CNF) Average Price by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World 3D Printed Cellulose Nanofibers (CNF) Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Biomedical

6.2.2 Environmental

6.2.3 Food and Packaging

6.2.4 Electronics

6.2.5 Others

6.3 Market Segment by Application

6.3.1 World 3D Printed Cellulose Nanofibers (CNF) Production by Application (2018-2029)

6.3.2 World 3D Printed Cellulose Nanofibers (CNF) Production Value by Application (2018-2029)

6.3.3 World 3D Printed Cellulose Nanofibers (CNF) Average Price by Application (2018-2029)

## **7 COMPANY PROFILES**



## 7.1 CELLINK (BICO GROUP AB)

7.1.1 CELLINK (BICO GROUP AB) Details

7.1.2 CELLINK (BICO GROUP AB) Major Business

7.1.3 CELLINK (BICO GROUP AB) 3D Printed Cellulose Nanofibers (CNF) Product and Services

7.1.4 CELLINK (BICO GROUP AB) 3D Printed Cellulose Nanofibers (CNF) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 CELLINK (BICO GROUP AB) Recent Developments/Updates

7.1.6 CELLINK (BICO GROUP AB) Competitive Strengths & Weaknesses

## 7.2 UPM Biomedicals

7.2.1 UPM Biomedicals Details

7.2.2 UPM Biomedicals Major Business

7.2.3 UPM Biomedicals 3D Printed Cellulose Nanofibers (CNF) Product and Services

7.2.4 UPM Biomedicals 3D Printed Cellulose Nanofibers (CNF) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 UPM Biomedicals Recent Developments/Updates

7.2.6 UPM Biomedicals Competitive Strengths & Weaknesses

## 7.3 Novum

7.3.1 Novum Details

7.3.2 Novum Major Business

7.3.3 Novum 3D Printed Cellulose Nanofibers (CNF) Product and Services

7.3.4 Novum 3D Printed Cellulose Nanofibers (CNF) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Novum Recent Developments/Updates

7.3.6 Novum Competitive Strengths & Weaknesses

## 7.4 CelluForce

7.4.1 CelluForce Details

7.4.2 CelluForce Major Business

7.4.3 CelluForce 3D Printed Cellulose Nanofibers (CNF) Product and Services

7.4.4 CelluForce 3D Printed Cellulose Nanofibers (CNF) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 CelluForce Recent Developments/Updates

7.4.6 CelluForce Competitive Strengths & Weaknesses

## 7.5 Axcelon Biopolymers Corporation

7.5.1 Axcelon Biopolymers Corporation Details

7.5.2 Axcelon Biopolymers Corporation Major Business

7.5.3 Axcelon Biopolymers Corporation 3D Printed Cellulose Nanofibers (CNF) Product and Services

7.5.4 Axcelon Biopolymers Corporation 3D Printed Cellulose Nanofibers (CNF) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 Axcelon Biopolymers Corporation Recent Developments/Updates

7.5.6 Axcelon Biopolymers Corporation Competitive Strengths & Weaknesses

7.6 Nanografi

7.6.1 Nanografi Details

7.6.2 Nanografi Major Business

7.6.3 Nanografi 3D Printed Cellulose Nanofibers (CNF) Product and Services

7.6.4 Nanografi 3D Printed Cellulose Nanofibers (CNF) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 Nanografi Recent Developments/Updates

7.6.6 Nanografi Competitive Strengths & Weaknesses

7.7 Oji Holdings Corporation

7.7.1 Oji Holdings Corporation Details

7.7.2 Oji Holdings Corporation Major Business

7.7.3 Oji Holdings Corporation 3D Printed Cellulose Nanofibers (CNF) Product and Services

7.7.4 Oji Holdings Corporation 3D Printed Cellulose Nanofibers (CNF) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 Oji Holdings Corporation Recent Developments/Updates

7.7.6 Oji Holdings Corporation Competitive Strengths & Weaknesses

7.8 Sappi

7.8.1 Sappi Details

7.8.2 Sappi Major Business

7.8.3 Sappi 3D Printed Cellulose Nanofibers (CNF) Product and Services

7.8.4 Sappi 3D Printed Cellulose Nanofibers (CNF) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 Sappi Recent Developments/Updates

7.8.6 Sappi Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

8.1 3D Printed Cellulose Nanofibers (CNF) Industry Chain

8.2 3D Printed Cellulose Nanofibers (CNF) Upstream Analysis

8.2.1 3D Printed Cellulose Nanofibers (CNF) Core Raw Materials

8.2.2 Main Manufacturers of 3D Printed Cellulose Nanofibers (CNF) Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 3D Printed Cellulose Nanofibers (CNF) Production Mode

8.6 3D Printed Cellulose Nanofibers (CNF) Procurement Model

8.7 3D Printed Cellulose Nanofibers (CNF) Industry Sales Model and Sales Channels

8.7.1 3D Printed Cellulose Nanofibers (CNF) Sales Model

8.7.2 3D Printed Cellulose Nanofibers (CNF) Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World 3D Printed Cellulose Nanofibers (CNF) Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World 3D Printed Cellulose Nanofibers (CNF) Production Value by Region (2018-2023) & (USD Million)

Table 3. World 3D Printed Cellulose Nanofibers (CNF) Production Value by Region (2024-2029) & (USD Million)

Table 4. World 3D Printed Cellulose Nanofibers (CNF) Production Value Market Share by Region (2018-2023)

Table 5. World 3D Printed Cellulose Nanofibers (CNF) Production Value Market Share by Region (2024-2029)

Table 6. World 3D Printed Cellulose Nanofibers (CNF) Production by Region (2018-2023) & (Tons)

Table 7. World 3D Printed Cellulose Nanofibers (CNF) Production by Region (2024-2029) & (Tons)

Table 8. World 3D Printed Cellulose Nanofibers (CNF) Production Market Share by Region (2018-2023)

Table 9. World 3D Printed Cellulose Nanofibers (CNF) Production Market Share by Region (2024-2029)

Table 10. World 3D Printed Cellulose Nanofibers (CNF) Average Price by Region (2018-2023) & (US\$/Ton)

Table 11. World 3D Printed Cellulose Nanofibers (CNF) Average Price by Region (2024-2029) & (US\$/Ton)

Table 12. 3D Printed Cellulose Nanofibers (CNF) Major Market Trends

Table 13. World 3D Printed Cellulose Nanofibers (CNF) Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Tons)

Table 14. World 3D Printed Cellulose Nanofibers (CNF) Consumption by Region (2018-2023) & (Tons)

Table 15. World 3D Printed Cellulose Nanofibers (CNF) Consumption Forecast by Region (2024-2029) & (Tons)

Table 16. World 3D Printed Cellulose Nanofibers (CNF) Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key 3D Printed Cellulose Nanofibers (CNF) Producers in 2022

Table 18. World 3D Printed Cellulose Nanofibers (CNF) Production by Manufacturer (2018-2023) & (Tons)

Table 19. Production Market Share of Key 3D Printed Cellulose Nanofibers (CNF) Producers in 2022

Table 20. World 3D Printed Cellulose Nanofibers (CNF) Average Price by Manufacturer (2018-2023) & (US\$/Ton)

Table 21. Global 3D Printed Cellulose Nanofibers (CNF) Company Evaluation Quadrant

Table 22. World 3D Printed Cellulose Nanofibers (CNF) Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and 3D Printed Cellulose Nanofibers (CNF) Production Site of Key Manufacturer

Table 24. 3D Printed Cellulose Nanofibers (CNF) Market: Company Product Type Footprint

Table 25. 3D Printed Cellulose Nanofibers (CNF) Market: Company Product Application Footprint

Table 26. 3D Printed Cellulose Nanofibers (CNF) Competitive Factors

Table 27. 3D Printed Cellulose Nanofibers (CNF) New Entrant and Capacity Expansion Plans

Table 28. 3D Printed Cellulose Nanofibers (CNF) Mergers & Acquisitions Activity

Table 29. United States VS China 3D Printed Cellulose Nanofibers (CNF) Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China 3D Printed Cellulose Nanofibers (CNF) Production Comparison, (2018 & 2022 & 2029) & (Tons)

Table 31. United States VS China 3D Printed Cellulose Nanofibers (CNF) Consumption Comparison, (2018 & 2022 & 2029) & (Tons)

Table 32. United States Based 3D Printed Cellulose Nanofibers (CNF) Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers 3D Printed Cellulose Nanofibers (CNF) Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers 3D Printed Cellulose Nanofibers (CNF) Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers 3D Printed Cellulose Nanofibers (CNF) Production (2018-2023) & (Tons)

Table 36. United States Based Manufacturers 3D Printed Cellulose Nanofibers (CNF) Production Market Share (2018-2023)

Table 37. China Based 3D Printed Cellulose Nanofibers (CNF) Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers 3D Printed Cellulose Nanofibers (CNF) Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers 3D Printed Cellulose Nanofibers (CNF) Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers 3D Printed Cellulose Nanofibers (CNF) Production (2018-2023) & (Tons)

Table 41. China Based Manufacturers 3D Printed Cellulose Nanofibers (CNF) Production Market Share (2018-2023)

Table 42. Rest of World Based 3D Printed Cellulose Nanofibers (CNF) Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers 3D Printed Cellulose Nanofibers (CNF) Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers 3D Printed Cellulose Nanofibers (CNF) Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers 3D Printed Cellulose Nanofibers (CNF) Production (2018-2023) & (Tons)

Table 46. Rest of World Based Manufacturers 3D Printed Cellulose Nanofibers (CNF) Production Market Share (2018-2023)

Table 47. World 3D Printed Cellulose Nanofibers (CNF) Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World 3D Printed Cellulose Nanofibers (CNF) Production by Type (2018-2023) & (Tons)

Table 49. World 3D Printed Cellulose Nanofibers (CNF) Production by Type (2024-2029) & (Tons)

Table 50. World 3D Printed Cellulose Nanofibers (CNF) Production Value by Type (2018-2023) & (USD Million)

Table 51. World 3D Printed Cellulose Nanofibers (CNF) Production Value by Type (2024-2029) & (USD Million)

Table 52. World 3D Printed Cellulose Nanofibers (CNF) Average Price by Type (2018-2023) & (US\$/Ton)

Table 53. World 3D Printed Cellulose Nanofibers (CNF) Average Price by Type (2024-2029) & (US\$/Ton)

Table 54. World 3D Printed Cellulose Nanofibers (CNF) Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World 3D Printed Cellulose Nanofibers (CNF) Production by Application (2018-2023) & (Tons)

Table 56. World 3D Printed Cellulose Nanofibers (CNF) Production by Application (2024-2029) & (Tons)

Table 57. World 3D Printed Cellulose Nanofibers (CNF) Production Value by Application (2018-2023) & (USD Million)

Table 58. World 3D Printed Cellulose Nanofibers (CNF) Production Value by Application (2024-2029) & (USD Million)

Table 59. World 3D Printed Cellulose Nanofibers (CNF) Average Price by Application



(2018-2023) & (US\$/Ton)

Table 60. World 3D Printed Cellulose Nanofibers (CNF) Average Price by Application (2024-2029) & (US\$/Ton)

Table 61. CELLINK (BICO GROUP AB) Basic Information, Manufacturing Base and Competitors

Table 62. CELLINK (BICO GROUP AB) Major Business

Table 63. CELLINK (BICO GROUP AB) 3D Printed Cellulose Nanofibers (CNF) Product and Services

Table 64. CELLINK (BICO GROUP AB) 3D Printed Cellulose Nanofibers (CNF) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. CELLINK (BICO GROUP AB) Recent Developments/Updates

Table 66. CELLINK (BICO GROUP AB) Competitive Strengths & Weaknesses

Table 67. UPM Biomedicals Basic Information, Manufacturing Base and Competitors

Table 68. UPM Biomedicals Major Business

Table 69. UPM Biomedicals 3D Printed Cellulose Nanofibers (CNF) Product and Services

Table 70. UPM Biomedicals 3D Printed Cellulose Nanofibers (CNF) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. UPM Biomedicals Recent Developments/Updates

Table 72. UPM Biomedicals Competitive Strengths & Weaknesses

Table 73. Novum Basic Information, Manufacturing Base and Competitors

Table 74. Novum Major Business

Table 75. Novum 3D Printed Cellulose Nanofibers (CNF) Product and Services

Table 76. Novum 3D Printed Cellulose Nanofibers (CNF) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Novum Recent Developments/Updates

Table 78. Novum Competitive Strengths & Weaknesses

Table 79. CelluForce Basic Information, Manufacturing Base and Competitors

Table 80. CelluForce Major Business

Table 81. CelluForce 3D Printed Cellulose Nanofibers (CNF) Product and Services

Table 82. CelluForce 3D Printed Cellulose Nanofibers (CNF) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. CelluForce Recent Developments/Updates

Table 84. CelluForce Competitive Strengths & Weaknesses

Table 85. Axcelon Biopolymers Corporation Basic Information, Manufacturing Base and



## Competitors

Table 86. Axcelon Biopolymers Corporation Major Business

Table 87. Axcelon Biopolymers Corporation 3D Printed Cellulose Nanofibers (CNF) Product and Services

Table 88. Axcelon Biopolymers Corporation 3D Printed Cellulose Nanofibers (CNF) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Axcelon Biopolymers Corporation Recent Developments/Updates

Table 90. Axcelon Biopolymers Corporation Competitive Strengths & Weaknesses

Table 91. Nanografi Basic Information, Manufacturing Base and Competitors

Table 92. Nanografi Major Business

Table 93. Nanografi 3D Printed Cellulose Nanofibers (CNF) Product and Services

Table 94. Nanografi 3D Printed Cellulose Nanofibers (CNF) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Nanografi Recent Developments/Updates

Table 96. Nanografi Competitive Strengths & Weaknesses

Table 97. Oji Holdings Corporation Basic Information, Manufacturing Base and Competitors

Table 98. Oji Holdings Corporation Major Business

Table 99. Oji Holdings Corporation 3D Printed Cellulose Nanofibers (CNF) Product and Services

Table 100. Oji Holdings Corporation 3D Printed Cellulose Nanofibers (CNF) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Oji Holdings Corporation Recent Developments/Updates

Table 102. Sappi Basic Information, Manufacturing Base and Competitors

Table 103. Sappi Major Business

Table 104. Sappi 3D Printed Cellulose Nanofibers (CNF) Product and Services

Table 105. Sappi 3D Printed Cellulose Nanofibers (CNF) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 106. Global Key Players of 3D Printed Cellulose Nanofibers (CNF) Upstream (Raw Materials)

Table 107. 3D Printed Cellulose Nanofibers (CNF) Typical Customers

Table 108. 3D Printed Cellulose Nanofibers (CNF) Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. 3D Printed Cellulose Nanofibers (CNF) Picture

Figure 2. World 3D Printed Cellulose Nanofibers (CNF) Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World 3D Printed Cellulose Nanofibers (CNF) Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World 3D Printed Cellulose Nanofibers (CNF) Production (2018-2029) & (Tons)

Figure 5. World 3D Printed Cellulose Nanofibers (CNF) Average Price (2018-2029) & (US\$/Ton)

Figure 6. World 3D Printed Cellulose Nanofibers (CNF) Production Value Market Share by Region (2018-2029)

Figure 7. World 3D Printed Cellulose Nanofibers (CNF) Production Market Share by Region (2018-2029)

Figure 8. North America 3D Printed Cellulose Nanofibers (CNF) Production (2018-2029) & (Tons)

Figure 9. Europe 3D Printed Cellulose Nanofibers (CNF) Production (2018-2029) & (Tons)

Figure 10. China 3D Printed Cellulose Nanofibers (CNF) Production (2018-2029) & (Tons)

Figure 11. Japan 3D Printed Cellulose Nanofibers (CNF) Production (2018-2029) & (Tons)

Figure 12. 3D Printed Cellulose Nanofibers (CNF) Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World 3D Printed Cellulose Nanofibers (CNF) Consumption (2018-2029) & (Tons)

Figure 15. World 3D Printed Cellulose Nanofibers (CNF) Consumption Market Share by Region (2018-2029)

Figure 16. United States 3D Printed Cellulose Nanofibers (CNF) Consumption (2018-2029) & (Tons)

Figure 17. China 3D Printed Cellulose Nanofibers (CNF) Consumption (2018-2029) & (Tons)

Figure 18. Europe 3D Printed Cellulose Nanofibers (CNF) Consumption (2018-2029) & (Tons)

Figure 19. Japan 3D Printed Cellulose Nanofibers (CNF) Consumption (2018-2029) & (Tons)

Figure 20. South Korea 3D Printed Cellulose Nanofibers (CNF) Consumption (2018-2029) & (Tons)

Figure 21. ASEAN 3D Printed Cellulose Nanofibers (CNF) Consumption (2018-2029) & (Tons)

Figure 22. India 3D Printed Cellulose Nanofibers (CNF) Consumption (2018-2029) & (Tons)

Figure 23. Producer Shipments of 3D Printed Cellulose Nanofibers (CNF) by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for 3D Printed Cellulose Nanofibers (CNF) Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for 3D Printed Cellulose Nanofibers (CNF) Markets in 2022

Figure 26. United States VS China: 3D Printed Cellulose Nanofibers (CNF) Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: 3D Printed Cellulose Nanofibers (CNF) Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: 3D Printed Cellulose Nanofibers (CNF) Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers 3D Printed Cellulose Nanofibers (CNF) Production Market Share 2022

Figure 30. China Based Manufacturers 3D Printed Cellulose Nanofibers (CNF) Production Market Share 2022

Figure 31. Rest of World Based Manufacturers 3D Printed Cellulose Nanofibers (CNF) Production Market Share 2022

Figure 32. World 3D Printed Cellulose Nanofibers (CNF) Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World 3D Printed Cellulose Nanofibers (CNF) Production Value Market Share by Type in 2022

Figure 34. Fused Deposition Modeling (FDM)

Figure 35. Direct Ink Writing (DIW)

Figure 36. Digital Light Processing (DLP)

Figure 37. Stereolithography (SLA)

Figure 38. Inkjet 3D Printing

Figure 39. Selective Laser Sintering (SLS)

Figure 40. World 3D Printed Cellulose Nanofibers (CNF) Production Market Share by Type (2018-2029)

Figure 41. World 3D Printed Cellulose Nanofibers (CNF) Production Value Market Share by Type (2018-2029)

Figure 42. World 3D Printed Cellulose Nanofibers (CNF) Average Price by Type

(2018-2029) & (US\$/Ton)

Figure 43. World 3D Printed Cellulose Nanofibers (CNF) Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 44. World 3D Printed Cellulose Nanofibers (CNF) Production Value Market Share by Application in 2022

Figure 45. Biomedical

Figure 46. Environmental

Figure 47. Food and Packaging

Figure 48. Electronics

Figure 49. Others

Figure 50. World 3D Printed Cellulose Nanofibers (CNF) Production Market Share by Application (2018-2029)

Figure 51. World 3D Printed Cellulose Nanofibers (CNF) Production Value Market Share by Application (2018-2029)

Figure 52. World 3D Printed Cellulose Nanofibers (CNF) Average Price by Application (2018-2029) & (US\$/Ton)

Figure 53. 3D Printed Cellulose Nanofibers (CNF) Industry Chain

Figure 54. 3D Printed Cellulose Nanofibers (CNF) Procurement Model

Figure 55. 3D Printed Cellulose Nanofibers (CNF) Sales Model

Figure 56. 3D Printed Cellulose Nanofibers (CNF) Sales Channels, Direct Sales, and Distribution

Figure 57. Methodology

Figure 58. Research Process and Data Source

## I would like to order

Product name: Global 3D Printed Cellulose Nanofibers (CNF) Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G495C58F3F3AEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G495C58F3F3AEN.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

