

Nanocrystalline Cellulose Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/NF491EB21395EN.html>

Date: April 2022

Pages: 70

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

ID: NF491EB21395EN

Abstracts

Nanocellulose is a cellulose derived product that offers higher structural, mechanical, and rheological properties compared to its counterparts. Its unique properties include low gas permeability, high tensile strength, biodegradability, rheological modification, and high water vapor transmission rate. Nanocellulose is employed in numerous end-user industries such as composites, paper processing, food & beverages, paints & coatings, and oil & gas. North America and Europe are the leading regions in terms of demand for nanocellulose.

This report contains market size and forecasts of Nanocrystalline Cellulose in global, including the following market information:

Global Nanocrystalline Cellulose Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Nanocrystalline Cellulose Market Sales, 2017-2022, 2023-2028, (K MT)

Global top five Nanocrystalline Cellulose companies in 2021 (%)

The global Nanocrystalline Cellulose market was valued at 23 million in 2021 and is projected to reach US\$ 65 million by 2028, at a CAGR of 16.0% during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Nanofibrillated Cellulose Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Nanocrystalline Cellulose include Axcelon Biopolymers, Borregaard ASA, CelluForce, DIACEL FINECHEM, Innventia, Melodea, Nippon Paper Industries, Oji Holdings and Stora Enso and etc. In 2021, the global top five players have a share approximately % in terms of revenue.

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

Total Market by Segment:

Global Nanocrystalline Cellulose Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K MT)

Global Nanocrystalline Cellulose Market Segment Percentages, by Type, 2021 (%)

Nanofibrillated Cellulose

Nanocrystalline Cellulose

Bacterial Nanocellulose

Global Nanocrystalline Cellulose Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K MT)

Global Nanocrystalline Cellulose Market Segment Percentages, by Application, 2021 (%)

Composites

Paper Processing

Food & Beverages

Paints & Coatings

Personal Care

Others

Global Nanocrystalline Cellulose Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions) & (K MT)

Global Nanocrystalline Cellulose Market Segment Percentages, By Region and
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Nanocrystalline Cellulose revenues in global market, 2017-2022
(Estimated), (\$ millions)

Key companies Nanocrystalline Cellulose revenues share in global market, 2021 (%)

Key companies Nanocrystalline Cellulose sales in global market, 2017-2022
(Estimated), (K MT)

Key companies Nanocrystalline Cellulose sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Axcelon Biopolymers

Borregaard ASA

CelluForce

DIACEL FINECHEM

Innventia

Melodea

Nippon Paper Industries

Oji Holdings

Stora Enso

UPM-Kymmene

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Nanocrystalline Cellulose Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global Nanocrystalline Cellulose Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
 - 1.5.1 Research Methodology
 - 1.5.2 Research Process
 - 1.5.3 Base Year
 - 1.5.4 Report Assumptions & Caveats

2 GLOBAL NANOCRYSTALLINE CELLULOSE OVERALL MARKET SIZE

- 2.1 Global Nanocrystalline Cellulose Market Size: 2021 VS 2028
- 2.2 Global Nanocrystalline Cellulose Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global Nanocrystalline Cellulose Sales: 2017-2028

3 COMPANY LANDSCAPE

- 3.1 Top Nanocrystalline Cellulose Players in Global Market
- 3.2 Top Global Nanocrystalline Cellulose Companies Ranked by Revenue
- 3.3 Global Nanocrystalline Cellulose Revenue by Companies
- 3.4 Global Nanocrystalline Cellulose Sales by Companies
- 3.5 Global Nanocrystalline Cellulose Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 Nanocrystalline Cellulose Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers Nanocrystalline Cellulose Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Nanocrystalline Cellulose Players in Global Market
 - 3.8.1 List of Global Tier 1 Nanocrystalline Cellulose Companies
 - 3.8.2 List of Global Tier 2 and Tier 3 Nanocrystalline Cellulose Companies

4 SIGHTS BY PRODUCT

- 4.1 Overview

- 4.1.1 By Type - Global Nanocrystalline Cellulose Market Size Markets, 2021 & 2028
- 4.1.2 Nanofibrillated Cellulose
- 4.1.3 Nanocrystalline Cellulose
- 4.1.4 Bacterial Nanocellulose
- 4.2 By Type - Global Nanocrystalline Cellulose Revenue & Forecasts
 - 4.2.1 By Type - Global Nanocrystalline Cellulose Revenue, 2017-2022
 - 4.2.2 By Type - Global Nanocrystalline Cellulose Revenue, 2023-2028
 - 4.2.3 By Type - Global Nanocrystalline Cellulose Revenue Market Share, 2017-2028
- 4.3 By Type - Global Nanocrystalline Cellulose Sales & Forecasts
 - 4.3.1 By Type - Global Nanocrystalline Cellulose Sales, 2017-2022
 - 4.3.2 By Type - Global Nanocrystalline Cellulose Sales, 2023-2028
 - 4.3.3 By Type - Global Nanocrystalline Cellulose Sales Market Share, 2017-2028
- 4.4 By Type - Global Nanocrystalline Cellulose Price (Manufacturers Selling Prices), 2017-2028

5 SIGHTS BY APPLICATION

5.1 Overview

- 5.1.1 By Application - Global Nanocrystalline Cellulose Market Size, 2021 & 2028
- 5.1.2 Composites
- 5.1.3 Paper Processing
- 5.1.4 Food & Beverages
- 5.1.5 Paints & Coatings
- 5.1.6 Personal Care
- 5.1.7 Others

5.2 By Application - Global Nanocrystalline Cellulose Revenue & Forecasts

- 5.2.1 By Application - Global Nanocrystalline Cellulose Revenue, 2017-2022
- 5.2.2 By Application - Global Nanocrystalline Cellulose Revenue, 2023-2028
- 5.2.3 By Application - Global Nanocrystalline Cellulose Revenue Market Share, 2017-2028

5.3 By Application - Global Nanocrystalline Cellulose Sales & Forecasts

- 5.3.1 By Application - Global Nanocrystalline Cellulose Sales, 2017-2022
- 5.3.2 By Application - Global Nanocrystalline Cellulose Sales, 2023-2028
- 5.3.3 By Application - Global Nanocrystalline Cellulose Sales Market Share, 2017-2028

5.4 By Application - Global Nanocrystalline Cellulose Price (Manufacturers Selling Prices), 2017-2028

6 SIGHTS BY REGION

- 6.1 By Region - Global Nanocrystalline Cellulose Market Size, 2021 & 2028
- 6.2 By Region - Global Nanocrystalline Cellulose Revenue & Forecasts
 - 6.2.1 By Region - Global Nanocrystalline Cellulose Revenue, 2017-2022
 - 6.2.2 By Region - Global Nanocrystalline Cellulose Revenue, 2023-2028
 - 6.2.3 By Region - Global Nanocrystalline Cellulose Revenue Market Share, 2017-2028
- 6.3 By Region - Global Nanocrystalline Cellulose Sales & Forecasts
 - 6.3.1 By Region - Global Nanocrystalline Cellulose Sales, 2017-2022
 - 6.3.2 By Region - Global Nanocrystalline Cellulose Sales, 2023-2028
 - 6.3.3 By Region - Global Nanocrystalline Cellulose Sales Market Share, 2017-2028
- 6.4 North America
 - 6.4.1 By Country - North America Nanocrystalline Cellulose Revenue, 2017-2028
 - 6.4.2 By Country - North America Nanocrystalline Cellulose Sales, 2017-2028
 - 6.4.3 US Nanocrystalline Cellulose Market Size, 2017-2028
 - 6.4.4 Canada Nanocrystalline Cellulose Market Size, 2017-2028
 - 6.4.5 Mexico Nanocrystalline Cellulose Market Size, 2017-2028
- 6.5 Europe
 - 6.5.1 By Country - Europe Nanocrystalline Cellulose Revenue, 2017-2028
 - 6.5.2 By Country - Europe Nanocrystalline Cellulose Sales, 2017-2028
 - 6.5.3 Germany Nanocrystalline Cellulose Market Size, 2017-2028
 - 6.5.4 France Nanocrystalline Cellulose Market Size, 2017-2028
 - 6.5.5 U.K. Nanocrystalline Cellulose Market Size, 2017-2028
 - 6.5.6 Italy Nanocrystalline Cellulose Market Size, 2017-2028
 - 6.5.7 Russia Nanocrystalline Cellulose Market Size, 2017-2028
 - 6.5.8 Nordic Countries Nanocrystalline Cellulose Market Size, 2017-2028
 - 6.5.9 Benelux Nanocrystalline Cellulose Market Size, 2017-2028
- 6.6 Asia
 - 6.6.1 By Region - Asia Nanocrystalline Cellulose Revenue, 2017-2028
 - 6.6.2 By Region - Asia Nanocrystalline Cellulose Sales, 2017-2028
 - 6.6.3 China Nanocrystalline Cellulose Market Size, 2017-2028
 - 6.6.4 Japan Nanocrystalline Cellulose Market Size, 2017-2028
 - 6.6.5 South Korea Nanocrystalline Cellulose Market Size, 2017-2028
 - 6.6.6 Southeast Asia Nanocrystalline Cellulose Market Size, 2017-2028
 - 6.6.7 India Nanocrystalline Cellulose Market Size, 2017-2028
- 6.7 South America
 - 6.7.1 By Country - South America Nanocrystalline Cellulose Revenue, 2017-2028
 - 6.7.2 By Country - South America Nanocrystalline Cellulose Sales, 2017-2028
 - 6.7.3 Brazil Nanocrystalline Cellulose Market Size, 2017-2028
 - 6.7.4 Argentina Nanocrystalline Cellulose Market Size, 2017-2028

6.8 Middle East & Africa

6.8.1 By Country - Middle East & Africa Nanocrystalline Cellulose Revenue, 2017-2028

6.8.2 By Country - Middle East & Africa Nanocrystalline Cellulose Sales, 2017-2028

6.8.3 Turkey Nanocrystalline Cellulose Market Size, 2017-2028

6.8.4 Israel Nanocrystalline Cellulose Market Size, 2017-2028

6.8.5 Saudi Arabia Nanocrystalline Cellulose Market Size, 2017-2028

6.8.6 UAE Nanocrystalline Cellulose Market Size, 2017-2028

7 MANUFACTURERS & BRANDS PROFILES

7.1 Axcelon Biopolymers

7.1.1 Axcelon Biopolymers Corporate Summary

7.1.2 Axcelon Biopolymers Business Overview

7.1.3 Axcelon Biopolymers Nanocrystalline Cellulose Major Product Offerings

7.1.4 Axcelon Biopolymers Nanocrystalline Cellulose Sales and Revenue in Global (2017-2022)

7.1.5 Axcelon Biopolymers Key News

7.2 Borregaard ASA

7.2.1 Borregaard ASA Corporate Summary

7.2.2 Borregaard ASA Business Overview

7.2.3 Borregaard ASA Nanocrystalline Cellulose Major Product Offerings

7.2.4 Borregaard ASA Nanocrystalline Cellulose Sales and Revenue in Global (2017-2022)

7.2.5 Borregaard ASA Key News

7.3 CelluForce

7.3.1 CelluForce Corporate Summary

7.3.2 CelluForce Business Overview

7.3.3 CelluForce Nanocrystalline Cellulose Major Product Offerings

7.3.4 CelluForce Nanocrystalline Cellulose Sales and Revenue in Global (2017-2022)

7.3.5 CelluForce Key News

7.4 DIACEL FINECHEM

7.4.1 DIACEL FINECHEM Corporate Summary

7.4.2 DIACEL FINECHEM Business Overview

7.4.3 DIACEL FINECHEM Nanocrystalline Cellulose Major Product Offerings

7.4.4 DIACEL FINECHEM Nanocrystalline Cellulose Sales and Revenue in Global (2017-2022)

7.4.5 DIACEL FINECHEM Key News

7.5 Innventia

- 7.5.1 Innventia Corporate Summary
- 7.5.2 Innventia Business Overview
- 7.5.3 Innventia Nanocrystalline Cellulose Major Product Offerings
- 7.5.4 Innventia Nanocrystalline Cellulose Sales and Revenue in Global (2017-2022)
- 7.5.5 Innventia Key News
- 7.6 Melodea
 - 7.6.1 Melodea Corporate Summary
 - 7.6.2 Melodea Business Overview
 - 7.6.3 Melodea Nanocrystalline Cellulose Major Product Offerings
 - 7.6.4 Melodea Nanocrystalline Cellulose Sales and Revenue in Global (2017-2022)
 - 7.6.5 Melodea Key News
- 7.7 Nippon Paper Industries
 - 7.7.1 Nippon Paper Industries Corporate Summary
 - 7.7.2 Nippon Paper Industries Business Overview
 - 7.7.3 Nippon Paper Industries Nanocrystalline Cellulose Major Product Offerings
 - 7.7.4 Nippon Paper Industries Nanocrystalline Cellulose Sales and Revenue in Global (2017-2022)
 - 7.7.5 Nippon Paper Industries Key News
- 7.8 Oji Holdings
 - 7.8.1 Oji Holdings Corporate Summary
 - 7.8.2 Oji Holdings Business Overview
 - 7.8.3 Oji Holdings Nanocrystalline Cellulose Major Product Offerings
 - 7.8.4 Oji Holdings Nanocrystalline Cellulose Sales and Revenue in Global (2017-2022)
 - 7.8.5 Oji Holdings Key News
- 7.9 Stora Enso
 - 7.9.1 Stora Enso Corporate Summary
 - 7.9.2 Stora Enso Business Overview
 - 7.9.3 Stora Enso Nanocrystalline Cellulose Major Product Offerings
 - 7.9.4 Stora Enso Nanocrystalline Cellulose Sales and Revenue in Global (2017-2022)
 - 7.9.5 Stora Enso Key News
- 7.10 UPM-Kymmene
 - 7.10.1 UPM-Kymmene Corporate Summary
 - 7.10.2 UPM-Kymmene Business Overview
 - 7.10.3 UPM-Kymmene Nanocrystalline Cellulose Major Product Offerings
 - 7.10.4 UPM-Kymmene Nanocrystalline Cellulose Sales and Revenue in Global (2017-2022)
 - 7.10.5 UPM-Kymmene Key News

8 GLOBAL NANOCRYSTALLINE CELLULOSE PRODUCTION CAPACITY,

ANALYSIS

- 8.1 Global Nanocrystalline Cellulose Production Capacity, 2017-2028
- 8.2 Nanocrystalline Cellulose Production Capacity of Key Manufacturers in Global Market
- 8.3 Global Nanocrystalline Cellulose Production by Region

9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

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

10 NANOCRYSTALLINE CELLULOSE SUPPLY CHAIN ANALYSIS

- 10.1 Nanocrystalline Cellulose Industry Value Chain
- 10.2 Nanocrystalline Cellulose Upstream Market
- 10.3 Nanocrystalline Cellulose Downstream and Clients
- 10.4 Marketing Channels Analysis
 - 10.4.1 Marketing Channels
 - 10.4.2 Nanocrystalline Cellulose Distributors and Sales Agents in Global

11 CONCLUSION

12 APPENDIX

- 12.1 Note
- 12.2 Examples of Clients
- 12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Key Players of Nanocrystalline Cellulose in Global Market

Table 2. Top Nanocrystalline Cellulose Players in Global Market, Ranking by Revenue (2021)

Table 3. Global Nanocrystalline Cellulose Revenue by Companies, (US\$, Mn), 2017-2022

Table 4. Global Nanocrystalline Cellulose Revenue Share by Companies, 2017-2022

Table 5. Global Nanocrystalline Cellulose Sales by Companies, (K MT), 2017-2022

Table 6. Global Nanocrystalline Cellulose Sales Share by Companies, 2017-2022

Table 7. Key Manufacturers Nanocrystalline Cellulose Price (2017-2022) & (USD/MT)

Table 8. Global Manufacturers Nanocrystalline Cellulose Product Type

Table 9. List of Global Tier 1 Nanocrystalline Cellulose Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Nanocrystalline Cellulose Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global Nanocrystalline Cellulose Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - Global Nanocrystalline Cellulose Revenue (US\$, Mn), 2017-2022

Table 13. By Type - Global Nanocrystalline Cellulose Revenue (US\$, Mn), 2023-2028

Table 14. By Type - Global Nanocrystalline Cellulose Sales (K MT), 2017-2022

Table 15. By Type - Global Nanocrystalline Cellulose Sales (K MT), 2023-2028

Table 16. By Application – Global Nanocrystalline Cellulose Revenue, (US\$, Mn), 2021 & 2028

Table 17. By Application - Global Nanocrystalline Cellulose Revenue (US\$, Mn), 2017-2022

Table 18. By Application - Global Nanocrystalline Cellulose Revenue (US\$, Mn), 2023-2028

Table 19. By Application - Global Nanocrystalline Cellulose Sales (K MT), 2017-2022

Table 20. By Application - Global Nanocrystalline Cellulose Sales (K MT), 2023-2028

Table 21. By Region – Global Nanocrystalline Cellulose Revenue, (US\$, Mn), 2021 VS 2028

Table 22. By Region - Global Nanocrystalline Cellulose Revenue (US\$, Mn), 2017-2022

Table 23. By Region - Global Nanocrystalline Cellulose Revenue (US\$, Mn), 2023-2028

Table 24. By Region - Global Nanocrystalline Cellulose Sales (K MT), 2017-2022

Table 25. By Region - Global Nanocrystalline Cellulose Sales (K MT), 2023-2028

Table 26. By Country - North America Nanocrystalline Cellulose Revenue, (US\$, Mn),

2017-2022

Table 27. By Country - North America Nanocrystalline Cellulose Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - North America Nanocrystalline Cellulose Sales, (K MT), 2017-2022

Table 29. By Country - North America Nanocrystalline Cellulose Sales, (K MT), 2023-2028

Table 30. By Country - Europe Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2022

Table 31. By Country - Europe Nanocrystalline Cellulose Revenue, (US\$, Mn), 2023-2028

Table 32. By Country - Europe Nanocrystalline Cellulose Sales, (K MT), 2017-2022

Table 33. By Country - Europe Nanocrystalline Cellulose Sales, (K MT), 2023-2028

Table 34. By Region - Asia Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2022

Table 35. By Region - Asia Nanocrystalline Cellulose Revenue, (US\$, Mn), 2023-2028

Table 36. By Region - Asia Nanocrystalline Cellulose Sales, (K MT), 2017-2022

Table 37. By Region - Asia Nanocrystalline Cellulose Sales, (K MT), 2023-2028

Table 38. By Country - South America Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2022

Table 39. By Country - South America Nanocrystalline Cellulose Revenue, (US\$, Mn), 2023-2028

Table 40. By Country - South America Nanocrystalline Cellulose Sales, (K MT), 2017-2022

Table 41. By Country - South America Nanocrystalline Cellulose Sales, (K MT), 2023-2028

Table 42. By Country - Middle East & Africa Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2022

Table 43. By Country - Middle East & Africa Nanocrystalline Cellulose Revenue, (US\$, Mn), 2023-2028

Table 44. By Country - Middle East & Africa Nanocrystalline Cellulose Sales, (K MT), 2017-2022

Table 45. By Country - Middle East & Africa Nanocrystalline Cellulose Sales, (K MT), 2023-2028

Table 46. Axcelon Biopolymers Corporate Summary

Table 47. Axcelon Biopolymers Nanocrystalline Cellulose Product Offerings

Table 48. Axcelon Biopolymers Nanocrystalline Cellulose Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 49. Borregaard ASA Corporate Summary

Table 50. Borregaard ASA Nanocrystalline Cellulose Product Offerings

Table 51. Borregaard ASA Nanocrystalline Cellulose Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 52. CelluForce Corporate Summary

Table 53. CelluForce Nanocrystalline Cellulose Product Offerings

Table 54. CelluForce Nanocrystalline Cellulose Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 55. DIACEL FINECHEM Corporate Summary

Table 56. DIACEL FINECHEM Nanocrystalline Cellulose Product Offerings

Table 57. DIACEL FINECHEM Nanocrystalline Cellulose Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 58. Innventia Corporate Summary

Table 59. Innventia Nanocrystalline Cellulose Product Offerings

Table 60. Innventia Nanocrystalline Cellulose Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 61. Melodea Corporate Summary

Table 62. Melodea Nanocrystalline Cellulose Product Offerings

Table 63. Melodea Nanocrystalline Cellulose Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 64. Nippon Paper Industries Corporate Summary

Table 65. Nippon Paper Industries Nanocrystalline Cellulose Product Offerings

Table 66. Nippon Paper Industries Nanocrystalline Cellulose Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 67. Oji Holdings Corporate Summary

Table 68. Oji Holdings Nanocrystalline Cellulose Product Offerings

Table 69. Oji Holdings Nanocrystalline Cellulose Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 70. Stora Enso Corporate Summary

Table 71. Stora Enso Nanocrystalline Cellulose Product Offerings

Table 72. Stora Enso Nanocrystalline Cellulose Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 73. UPM-Kymmene Corporate Summary

Table 74. UPM-Kymmene Nanocrystalline Cellulose Product Offerings

Table 75. UPM-Kymmene Nanocrystalline Cellulose Sales (K MT), Revenue (US\$, Mn) and Average Price (USD/MT) (2017-2022)

Table 76. Nanocrystalline Cellulose Production Capacity (K MT) of Key Manufacturers in Global Market, 2020-2022 (K MT)

Table 77. Global Nanocrystalline Cellulose Capacity Market Share of Key Manufacturers, 2020-2022

Table 78. Global Nanocrystalline Cellulose Production by Region, 2017-2022 (K MT)

Table 79. Global Nanocrystalline Cellulose Production by Region, 2023-2028 (K MT)

Table 80. Nanocrystalline Cellulose Market Opportunities & Trends in Global Market

Table 81. Nanocrystalline Cellulose Market Drivers in Global Market

Table 82. Nanocrystalline Cellulose Market Restraints in Global Market

Table 83. Nanocrystalline Cellulose Raw Materials

Table 84. Nanocrystalline Cellulose Raw Materials Suppliers in Global Market

Table 85. Typical Nanocrystalline Cellulose Downstream

Table 86. Nanocrystalline Cellulose Downstream Clients in Global Market

Table 87. Nanocrystalline Cellulose Distributors and Sales Agents in Global Market

List Of Figures

LIST OF FIGURES

- Figure 1. Nanocrystalline Cellulose Segment by Type
- Figure 2. Nanocrystalline Cellulose Segment by Application
- Figure 3. Global Nanocrystalline Cellulose Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global Nanocrystalline Cellulose Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Nanocrystalline Cellulose Revenue, 2017-2028 (US\$, Mn)
- Figure 7. Nanocrystalline Cellulose Sales in Global Market: 2017-2028 (K MT)
- Figure 8. The Top 3 and 5 Players Market Share by Nanocrystalline Cellulose Revenue in 2021
- Figure 9. By Type - Global Nanocrystalline Cellulose Sales Market Share, 2017-2028
- Figure 10. By Type - Global Nanocrystalline Cellulose Revenue Market Share, 2017-2028
- Figure 11. By Type - Global Nanocrystalline Cellulose Price (USD/MT), 2017-2028
- Figure 12. By Application - Global Nanocrystalline Cellulose Sales Market Share, 2017-2028
- Figure 13. By Application - Global Nanocrystalline Cellulose Revenue Market Share, 2017-2028
- Figure 14. By Application - Global Nanocrystalline Cellulose Price (USD/MT), 2017-2028
- Figure 15. By Region - Global Nanocrystalline Cellulose Sales Market Share, 2017-2028
- Figure 16. By Region - Global Nanocrystalline Cellulose Revenue Market Share, 2017-2028
- Figure 17. By Country - North America Nanocrystalline Cellulose Revenue Market Share, 2017-2028
- Figure 18. By Country - North America Nanocrystalline Cellulose Sales Market Share, 2017-2028
- Figure 19. US Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2028
- Figure 20. Canada Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2028
- Figure 21. Mexico Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2028
- Figure 22. By Country - Europe Nanocrystalline Cellulose Revenue Market Share, 2017-2028
- Figure 23. By Country - Europe Nanocrystalline Cellulose Sales Market Share, 2017-2028
- Figure 24. Germany Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2028

- Figure 25. France Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2028
- Figure 26. U.K. Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2028
- Figure 27. Italy Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2028
- Figure 28. Russia Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2028
- Figure 29. Nordic Countries Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2028
- Figure 30. Benelux Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2028
- Figure 31. By Region - Asia Nanocrystalline Cellulose Revenue Market Share, 2017-2028
- Figure 32. By Region - Asia Nanocrystalline Cellulose Sales Market Share, 2017-2028
- Figure 33. China Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2028
- Figure 34. Japan Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2028
- Figure 35. South Korea Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2028
- Figure 36. Southeast Asia Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2028
- Figure 37. India Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2028
- Figure 38. By Country - South America Nanocrystalline Cellulose Revenue Market Share, 2017-2028
- Figure 39. By Country - South America Nanocrystalline Cellulose Sales Market Share, 2017-2028
- Figure 40. Brazil Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2028
- Figure 41. Argentina Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2028
- Figure 42. By Country - Middle East & Africa Nanocrystalline Cellulose Revenue Market Share, 2017-2028
- Figure 43. By Country - Middle East & Africa Nanocrystalline Cellulose Sales Market Share, 2017-2028
- Figure 44. Turkey Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2028
- Figure 45. Israel Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2028
- Figure 46. Saudi Arabia Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2028
- Figure 47. UAE Nanocrystalline Cellulose Revenue, (US\$, Mn), 2017-2028
- Figure 48. Global Nanocrystalline Cellulose Production Capacity (K MT), 2017-2028
- Figure 49. The Percentage of Production Nanocrystalline Cellulose by Region, 2021 VS 2028
- Figure 50. Nanocrystalline Cellulose Industry Value Chain
- Figure 51. Marketing Channels

I would like to order

Product name: Nanocrystalline Cellulose Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/NF491EB21395EN.html>

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

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/NF491EB21395EN.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