

Global C18 Bonding Reagent Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G46ECAA25CA7EN.html>

Date: July 2026

Pages: 99

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

ID: G46ECAA25CA7EN

Abstracts

The global C18 Bonding Reagent market size is expected to reach \$ 98 million by 2032, rising at a market growth of 5.9% CAGR during the forecast period (2026-2032).

C18 bonding reagents refer to organosilane compounds containing long C18 alkyl chains and hydrolysable silane functional groups. Typical products include octadecyltrichlorosilane, octadecyl dimethyl chlorosilane, octadecyl trimethoxysilane, and related oligomeric silane surface modifiers. They are primarily used for hydrophobization and C18 stationary phase preparation on silica, glass, metal oxides, and other inorganic substrates. The estimated gross margin is approximately 48%.

Demand for C18 bonding reagents is mainly driven by reversed-phase chromatography media, sample preparation materials, and high-consistency surface modification processes. In chromatographic applications, stringent requirements on bonding density, residual silanol activity, batch consistency, and ultra-low impurity levels create sustained demand for high-purity trichlorosilanes, mono-functional silanes, and high-purity alkoxysilanes, typically in small-batch and high-specification production formats. This product is not a bulk commodity silane coupling agent, but rather a specialized subset of long-chain alkyl silanes. Its market is supported by pharmaceutical quality control, life science analytics, food and environmental testing, semiconductor and micro/nano surface modification applications. While C18 columns remain one of the dominant stationary phases in reversed-phase HPLC, the consumable column market does not directly translate into the reagent market; instead, reagent demand is driven by purity grade, stability control, and validated supply consistency. Future growth is expected to come from expanded domestic production of chromatography media, localization of laboratory consumables, and small-batch high-value surface engineering applications in electronics and materials. In terms of competition, international suppliers dominate high-

purity and small-packaging channels, while Chinese organosilicon manufacturers have advantages in cost and custom synthesis. Suppliers capable of combining color-grade purification control with regulatory documentation support are more likely to achieve premium pricing.

This report studies the global C18 Bonding Reagent production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for C18 Bonding Reagent and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of C18 Bonding Reagent that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global C18 Bonding Reagent total production and demand, 2021-2032, (kg)

Global C18 Bonding Reagent total production value, 2021-2032, (USD Million)

Global C18 Bonding Reagent production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (kg), (based on production site)

Global C18 Bonding Reagent consumption by region & country, CAGR, 2021-2032 & (kg)

U.S. VS China: C18 Bonding Reagent domestic production, consumption, key domestic manufacturers and share

Global C18 Bonding Reagent production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (kg)

Global C18 Bonding Reagent production by Type, production, value, CAGR, 2021-2032, (USD Million) & (kg)

Global C18 Bonding Reagent production by Application, production, value, CAGR, 2021-2032, (USD Million) & (kg)

This report profiles key players in the global C18 Bonding Reagent 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 Gelest, Tokyo Chemical Industry, Merck, Thermo Fisher Scientific, Fluorochem, Hubei Co-Formula Material, Hubei Jiangnan New Materials, Nanjing SiSiB Silicones, Shanghai Aladdin Biochemical, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World C18 Bonding Reagent market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (kg) and average price (US\$/kg) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global C18 Bonding Reagent Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global C18 Bonding Reagent Market, Segmentation by Type:

Chlorosilane C18 Reagents

Alkoxysilane C18 Reagents

Aminosilane C18 Reagents

Oligomeric C18 Silane Treatments

Global C18 Bonding Reagent Market, Segmentation by Silane Functionality:

Monofunctional C18 Silanes

Difunctional C18 Silanes

Trifunctional C18 Silanes

Multifunctional C18 Silanes

Global C18 Bonding Reagent Market, Segmentation by Purity Grade:

Standard Purity Grade

High Purity Grade

Ultra-High Purity Grade

Global C18 Bonding Reagent Market, Segmentation by Target Substrate:

Silica Gel Surface Bonding

Glass and Silicon Dioxide Surfaces

Metal Oxide Surfaces

Inorganic Filler Treatment

Other Substrates

Global C18 Bonding Reagent Market, Segmentation by Application:

Reversed-Phase Chromatography Media

Sample Preparation Media

Surface Hydrophobization

Self-Assembled Monolayers

Composite and Filler Treatment

Other

Companies Profiled:

Gelest

Tokyo Chemical Industry

Merck

Thermo Fisher Scientific

Fluorochem

Hubei Co-Formula Material

Hubei Jiangnan New Materials

Nanjing SiSiB Silicones

Shanghai Aladdin Biochemical

Key Questions Answered:

1. How big is the global C18 Bonding Reagent market?
2. What is the demand of the global C18 Bonding Reagent market?
3. What is the year over year growth of the global C18 Bonding Reagent market?
4. What is the production and production value of the global C18 Bonding Reagent market?

5. Who are the key producers in the global C18 Bonding Reagent market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 C18 Bonding Reagent Introduction
- 1.2 World C18 Bonding Reagent Supply & Forecast
 - 1.2.1 World C18 Bonding Reagent Production Value (2021 & 2025 & 2032)
 - 1.2.2 World C18 Bonding Reagent Production (2021-2032)
 - 1.2.3 World C18 Bonding Reagent Pricing Trends (2021-2032)
- 1.3 World C18 Bonding Reagent Production by Region (Based on Production Site)
 - 1.3.1 World C18 Bonding Reagent Production Value by Region (2021-2032)
 - 1.3.2 World C18 Bonding Reagent Production by Region (2021-2032)
 - 1.3.3 World C18 Bonding Reagent Average Price by Region (2021-2032)
 - 1.3.4 North America C18 Bonding Reagent Production (2021-2032)
 - 1.3.5 Europe C18 Bonding Reagent Production (2021-2032)
 - 1.3.6 China C18 Bonding Reagent Production (2021-2032)
 - 1.3.7 Japan C18 Bonding Reagent Production (2021-2032)
 - 1.3.8 India C18 Bonding Reagent Production (2021-2032)
 - 1.3.9 Southeast Asia C18 Bonding Reagent Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 C18 Bonding Reagent Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 C18 Bonding Reagent Major Market Trends

2 DEMAND SUMMARY

- 2.1 World C18 Bonding Reagent Demand (2021-2032)
- 2.2 World C18 Bonding Reagent Consumption by Region
 - 2.2.1 World C18 Bonding Reagent Consumption by Region (2021-2026)
 - 2.2.2 World C18 Bonding Reagent Consumption Forecast by Region (2027-2032)
- 2.3 United States C18 Bonding Reagent Consumption (2021-2032)
- 2.4 China C18 Bonding Reagent Consumption (2021-2032)
- 2.5 Europe C18 Bonding Reagent Consumption (2021-2032)
- 2.6 Japan C18 Bonding Reagent Consumption (2021-2032)
- 2.7 South Korea C18 Bonding Reagent Consumption (2021-2032)
- 2.8 ASEAN C18 Bonding Reagent Consumption (2021-2032)
- 2.9 India C18 Bonding Reagent Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World C18 Bonding Reagent Production Value by Manufacturer (2021-2026)
- 3.2 World C18 Bonding Reagent Production by Manufacturer (2021-2026)
- 3.3 World C18 Bonding Reagent Average Price by Manufacturer (2021-2026)
- 3.4 C18 Bonding Reagent Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global C18 Bonding Reagent Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for C18 Bonding Reagent in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for C18 Bonding Reagent in 2025
- 3.6 C18 Bonding Reagent Market: Overall Company Footprint Analysis
 - 3.6.1 C18 Bonding Reagent Market: Region Footprint
 - 3.6.2 C18 Bonding Reagent Market: Company Product Type Footprint
 - 3.6.3 C18 Bonding Reagent 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: C18 Bonding Reagent Production Value Comparison
 - 4.1.1 United States VS China: C18 Bonding Reagent Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: C18 Bonding Reagent Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: C18 Bonding Reagent Production Comparison
 - 4.2.1 United States VS China: C18 Bonding Reagent Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: C18 Bonding Reagent Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: C18 Bonding Reagent Consumption Comparison
 - 4.3.1 United States VS China: C18 Bonding Reagent Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: C18 Bonding Reagent Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based C18 Bonding Reagent Manufacturers and Market Share, 2021-2026

4.4.1 United States Based C18 Bonding Reagent Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers C18 Bonding Reagent Production Value (2021-2026)

4.4.3 United States Based Manufacturers C18 Bonding Reagent Production (2021-2026)

4.5 China Based C18 Bonding Reagent Manufacturers and Market Share

4.5.1 China Based C18 Bonding Reagent Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers C18 Bonding Reagent Production Value (2021-2026)

4.5.3 China Based Manufacturers C18 Bonding Reagent Production (2021-2026)

4.6 Rest of World Based C18 Bonding Reagent Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based C18 Bonding Reagent Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers C18 Bonding Reagent Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers C18 Bonding Reagent Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World C18 Bonding Reagent Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Chlorosilane C18 Reagents

5.2.2 Alkoxysilane C18 Reagents

5.2.3 Aminosilane C18 Reagents

5.2.4 Oligomeric C18 Silane Treatments

5.3 Market Segment by Type

5.3.1 World C18 Bonding Reagent Production by Type (2021-2032)

5.3.2 World C18 Bonding Reagent Production Value by Type (2021-2032)

5.3.3 World C18 Bonding Reagent Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY SILANE FUNCTIONALITY

6.1 World C18 Bonding Reagent Market Size Overview by Silane Functionality: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Silane Functionality

6.2.1 Monofunctional C18 Silanes

6.2.2 Difunctional C18 Silanes

6.2.3 Trifunctional C18 Silanes

6.2.4 Multifunctional C18 Silanes

6.3 Market Segment by Silane Functionality

6.3.1 World C18 Bonding Reagent Production by Silane Functionality (2021-2032)

6.3.2 World C18 Bonding Reagent Production Value by Silane Functionality (2021-2032)

6.3.3 World C18 Bonding Reagent Average Price by Silane Functionality (2021-2032)

7 MARKET ANALYSIS BY PURITY GRADE

7.1 World C18 Bonding Reagent Market Size Overview by Purity Grade: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Purity Grade

7.2.1 Standard Purity Grade

7.2.2 High Purity Grade

7.2.3 Ultra-High Purity Grade

7.3 Market Segment by Purity Grade

7.3.1 World C18 Bonding Reagent Production by Purity Grade (2021-2032)

7.3.2 World C18 Bonding Reagent Production Value by Purity Grade (2021-2032)

7.3.3 World C18 Bonding Reagent Average Price by Purity Grade (2021-2032)

8 MARKET ANALYSIS BY TARGET SUBSTRATE

8.1 World C18 Bonding Reagent Market Size Overview by Target Substrate: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Target Substrate

8.2.1 Silica Gel Surface Bonding

8.2.2 Glass and Silicon Dioxide Surfaces

8.2.3 Metal Oxide Surfaces

8.2.4 Inorganic Filler Treatment

8.2.5 Other Substrates

8.3 Market Segment by Target Substrate

8.3.1 World C18 Bonding Reagent Production by Target Substrate (2021-2032)

8.3.2 World C18 Bonding Reagent Production Value by Target Substrate (2021-2032)

8.3.3 World C18 Bonding Reagent Average Price by Target Substrate (2021-2032)

9 MARKET ANALYSIS BY APPLICATION

9.1 World C18 Bonding Reagent Market Size Overview by Application: 2021 VS 2025 VS 2032

9.2 Segment Introduction by Application

9.2.1 Reversed-Phase Chromatography Media

9.2.2 Sample Preparation Media

9.2.3 Surface Hydrophobization

9.2.4 Self-Assembled Monolayers

9.2.5 Composite and Filler Treatment

9.2.6 Other

9.3 Market Segment by Application

9.3.1 World C18 Bonding Reagent Production by Application (2021-2032)

9.3.2 World C18 Bonding Reagent Production Value by Application (2021-2032)

9.3.3 World C18 Bonding Reagent Average Price by Application (2021-2032)

10 COMPANY PROFILES

10.1 Gelest

10.1.1 Gelest Details

10.1.2 Gelest Major Business

10.1.3 Gelest C18 Bonding Reagent Product and Services

10.1.4 Gelest C18 Bonding Reagent Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.1.5 Gelest Recent Developments/Updates

10.1.6 Gelest Competitive Strengths & Weaknesses

10.2 Tokyo Chemical Industry

10.2.1 Tokyo Chemical Industry Details

10.2.2 Tokyo Chemical Industry Major Business

10.2.3 Tokyo Chemical Industry C18 Bonding Reagent Product and Services

10.2.4 Tokyo Chemical Industry C18 Bonding Reagent Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.2.5 Tokyo Chemical Industry Recent Developments/Updates

10.2.6 Tokyo Chemical Industry Competitive Strengths & Weaknesses

10.3 Merck

10.3.1 Merck Details

10.3.2 Merck Major Business

10.3.3 Merck C18 Bonding Reagent Product and Services

10.3.4 Merck C18 Bonding Reagent Production, Price, Value, Gross Margin and

Market Share (2021-2026)

10.3.5 Merck Recent Developments/Updates

10.3.6 Merck Competitive Strengths & Weaknesses

10.4 Thermo Fisher Scientific

10.4.1 Thermo Fisher Scientific Details

10.4.2 Thermo Fisher Scientific Major Business

10.4.3 Thermo Fisher Scientific C18 Bonding Reagent Product and Services

10.4.4 Thermo Fisher Scientific C18 Bonding Reagent Production, Price, Value, Gross

Margin and Market Share (2021-2026)

10.4.5 Thermo Fisher Scientific Recent Developments/Updates

10.4.6 Thermo Fisher Scientific Competitive Strengths & Weaknesses

10.5 Fluorochem

10.5.1 Fluorochem Details

10.5.2 Fluorochem Major Business

10.5.3 Fluorochem C18 Bonding Reagent Product and Services

10.5.4 Fluorochem C18 Bonding Reagent Production, Price, Value, Gross Margin and

Market Share (2021-2026)

10.5.5 Fluorochem Recent Developments/Updates

10.5.6 Fluorochem Competitive Strengths & Weaknesses

10.6 Hubei Co-Formula Material

10.6.1 Hubei Co-Formula Material Details

10.6.2 Hubei Co-Formula Material Major Business

10.6.3 Hubei Co-Formula Material C18 Bonding Reagent Product and Services

10.6.4 Hubei Co-Formula Material C18 Bonding Reagent Production, Price, Value,

Gross Margin and Market Share (2021-2026)

10.6.5 Hubei Co-Formula Material Recent Developments/Updates

10.6.6 Hubei Co-Formula Material Competitive Strengths & Weaknesses

10.7 Hubei Jiangnan New Materials

10.7.1 Hubei Jiangnan New Materials Details

10.7.2 Hubei Jiangnan New Materials Major Business

10.7.3 Hubei Jiangnan New Materials C18 Bonding Reagent Product and Services

10.7.4 Hubei Jiangnan New Materials C18 Bonding Reagent Production, Price, Value,

Gross Margin and Market Share (2021-2026)

10.7.5 Hubei Jiangnan New Materials Recent Developments/Updates

10.7.6 Hubei Jiangnan New Materials Competitive Strengths & Weaknesses

10.8 Nanjing SiSiB Silicones

10.8.1 Nanjing SiSiB Silicones Details

10.8.2 Nanjing SiSiB Silicones Major Business

10.8.3 Nanjing SiSiB Silicones C18 Bonding Reagent Product and Services

10.8.4 Nanjing SiSiB Silicones C18 Bonding Reagent Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.8.5 Nanjing SiSiB Silicones Recent Developments/Updates

10.8.6 Nanjing SiSiB Silicones Competitive Strengths & Weaknesses

10.9 Shanghai Aladdin Biochemical

10.9.1 Shanghai Aladdin Biochemical Details

10.9.2 Shanghai Aladdin Biochemical Major Business

10.9.3 Shanghai Aladdin Biochemical C18 Bonding Reagent Product and Services

10.9.4 Shanghai Aladdin Biochemical C18 Bonding Reagent Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.9.5 Shanghai Aladdin Biochemical Recent Developments/Updates

10.9.6 Shanghai Aladdin Biochemical Competitive Strengths & Weaknesses

11 INDUSTRY CHAIN ANALYSIS

11.1 C18 Bonding Reagent Industry Chain

11.2 C18 Bonding Reagent Upstream Analysis

11.2.1 C18 Bonding Reagent Core Raw Materials

11.2.2 Main Manufacturers of C18 Bonding Reagent Core Raw Materials

11.3 Midstream Analysis

11.4 Downstream Analysis

11.5 C18 Bonding Reagent Production Mode

11.6 C18 Bonding Reagent Procurement Model

11.7 C18 Bonding Reagent Industry Sales Model and Sales Channels

11.7.1 C18 Bonding Reagent Sales Model

11.7.2 C18 Bonding Reagent Typical Distributors

12 RESEARCH FINDINGS AND CONCLUSION

13 APPENDIX

13.1 Methodology

13.2 Research Process and Data Source

13.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World C18 Bonding Reagent Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World C18 Bonding Reagent Production Value by Region (2021-2026) & (USD Million)

Table 3. World C18 Bonding Reagent Production Value by Region (2027-2032) & (USD Million)

Table 4. World C18 Bonding Reagent Production Value Market Share by Region (2021-2026)

Table 5. World C18 Bonding Reagent Production Value Market Share by Region (2027-2032)

Table 6. World C18 Bonding Reagent Production by Region (2021-2026) & (kg)

Table 7. World C18 Bonding Reagent Production by Region (2027-2032) & (kg)

Table 8. World C18 Bonding Reagent Production Market Share by Region (2021-2026)

Table 9. World C18 Bonding Reagent Production Market Share by Region (2027-2032)

Table 10. World C18 Bonding Reagent Average Price by Region (2021-2026) & (US\$/kg)

Table 11. World C18 Bonding Reagent Average Price by Region (2027-2032) & (US\$/kg)

Table 12. C18 Bonding Reagent Major Market Trends

Table 13. World C18 Bonding Reagent Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (kg)

Table 14. World C18 Bonding Reagent Consumption by Region (2021-2026) & (kg)

Table 15. World C18 Bonding Reagent Consumption Forecast by Region (2027-2032) & (kg)

Table 16. World C18 Bonding Reagent Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key C18 Bonding Reagent Producers in 2025

Table 18. World C18 Bonding Reagent Production by Manufacturer (2021-2026) & (kg)

Table 19. Production Market Share of Key C18 Bonding Reagent Producers in 2025

Table 20. World C18 Bonding Reagent Average Price by Manufacturer (2021-2026) & (US\$/kg)

Table 21. Global C18 Bonding Reagent Company Evaluation Quadrant

Table 22. World C18 Bonding Reagent Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and C18 Bonding Reagent Production Site of Key Manufacturer
Table 24. C18 Bonding Reagent Market: Company Product Type Footprint
Table 25. C18 Bonding Reagent Market: Company Product Application Footprint
Table 26. C18 Bonding Reagent Competitive Factors
Table 27. C18 Bonding Reagent New Entrant and Capacity Expansion Plans
Table 28. C18 Bonding Reagent Mergers & Acquisitions Activity
Table 29. United States VS China C18 Bonding Reagent Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
Table 30. United States VS China C18 Bonding Reagent Production Comparison, (2021 & 2025 & 2032) & (kg)
Table 31. United States VS China C18 Bonding Reagent Consumption Comparison, (2021 & 2025 & 2032) & (kg)
Table 32. United States Based C18 Bonding Reagent Manufacturers, Headquarters and Production Site (States, Country)
Table 33. United States Based Manufacturers C18 Bonding Reagent Production Value, (2021-2026) & (USD Million)
Table 34. United States Based Manufacturers C18 Bonding Reagent Production Value Market Share (2021-2026)
Table 35. United States Based Manufacturers C18 Bonding Reagent Production (2021-2026) & (kg)
Table 36. United States Based Manufacturers C18 Bonding Reagent Production Market Share (2021-2026)
Table 37. China Based C18 Bonding Reagent Manufacturers, Headquarters and Production Site (Province, Country)
Table 38. China Based Manufacturers C18 Bonding Reagent Production Value, (2021-2026) & (USD Million)
Table 39. China Based Manufacturers C18 Bonding Reagent Production Value Market Share (2021-2026)
Table 40. China Based Manufacturers C18 Bonding Reagent Production, (2021-2026) & (kg)
Table 41. China Based Manufacturers C18 Bonding Reagent Production Market Share (2021-2026)
Table 42. Rest of World Based C18 Bonding Reagent Manufacturers, Headquarters and Production Site (State, Country)
Table 43. Rest of World Based Manufacturers C18 Bonding Reagent Production Value, (2021-2026) & (USD Million)
Table 44. Rest of World Based Manufacturers C18 Bonding Reagent Production Value Market Share (2021-2026)
Table 45. Rest of World Based Manufacturers C18 Bonding Reagent Production,

(2021-2026) & (kg)

Table 46. Rest of World Based Manufacturers C18 Bonding Reagent Production Market Share (2021-2026)

Table 47. World C18 Bonding Reagent Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World C18 Bonding Reagent Production by Type (2021-2026) & (kg)

Table 49. World C18 Bonding Reagent Production by Type (2027-2032) & (kg)

Table 50. World C18 Bonding Reagent Production Value by Type (2021-2026) & (USD Million)

Table 51. World C18 Bonding Reagent Production Value by Type (2027-2032) & (USD Million)

Table 52. World C18 Bonding Reagent Average Price by Type (2021-2026) & (US\$/kg)

Table 53. World C18 Bonding Reagent Average Price by Type (2027-2032) & (US\$/kg)

Table 54. World C18 Bonding Reagent Production Value by Silane Functionality, (USD Million), 2021 & 2025 & 2032

Table 55. World C18 Bonding Reagent Production by Silane Functionality (2021-2026) & (kg)

Table 56. World C18 Bonding Reagent Production by Silane Functionality (2027-2032) & (kg)

Table 57. World C18 Bonding Reagent Production Value by Silane Functionality (2021-2026) & (USD Million)

Table 58. World C18 Bonding Reagent Production Value by Silane Functionality (2027-2032) & (USD Million)

Table 59. World C18 Bonding Reagent Average Price by Silane Functionality (2021-2026) & (US\$/kg)

Table 60. World C18 Bonding Reagent Average Price by Silane Functionality (2027-2032) & (US\$/kg)

Table 61. World C18 Bonding Reagent Production Value by Purity Grade, (USD Million), 2021 & 2025 & 2032

Table 62. World C18 Bonding Reagent Production by Purity Grade (2021-2026) & (kg)

Table 63. World C18 Bonding Reagent Production by Purity Grade (2027-2032) & (kg)

Table 64. World C18 Bonding Reagent Production Value by Purity Grade (2021-2026) & (USD Million)

Table 65. World C18 Bonding Reagent Production Value by Purity Grade (2027-2032) & (USD Million)

Table 66. World C18 Bonding Reagent Average Price by Purity Grade (2021-2026) & (US\$/kg)

Table 67. World C18 Bonding Reagent Average Price by Purity Grade (2027-2032) & (US\$/kg)

Table 68. World C18 Bonding Reagent Production Value by Target Substrate, (USD Million), 2021 & 2025 & 2032

Table 69. World C18 Bonding Reagent Production by Target Substrate (2021-2026) & (kg)

Table 70. World C18 Bonding Reagent Production by Target Substrate (2027-2032) & (kg)

Table 71. World C18 Bonding Reagent Production Value by Target Substrate (2021-2026) & (USD Million)

Table 72. World C18 Bonding Reagent Production Value by Target Substrate (2027-2032) & (USD Million)

Table 73. World C18 Bonding Reagent Average Price by Target Substrate (2021-2026) & (US\$/kg)

Table 74. World C18 Bonding Reagent Average Price by Target Substrate (2027-2032) & (US\$/kg)

Table 75. World C18 Bonding Reagent Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 76. World C18 Bonding Reagent Production by Application (2021-2026) & (kg)

Table 77. World C18 Bonding Reagent Production by Application (2027-2032) & (kg)

Table 78. World C18 Bonding Reagent Production Value by Application (2021-2026) & (USD Million)

Table 79. World C18 Bonding Reagent Production Value by Application (2027-2032) & (USD Million)

Table 80. World C18 Bonding Reagent Average Price by Application (2021-2026) & (US\$/kg)

Table 81. World C18 Bonding Reagent Average Price by Application (2027-2032) & (US\$/kg)

Table 82. Gelest Basic Information, Manufacturing Base and Competitors

Table 83. Gelest Major Business

Table 84. Gelest C18 Bonding Reagent Product and Services

Table 85. Gelest C18 Bonding Reagent Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 86. Gelest Recent Developments/Updates

Table 87. Gelest Competitive Strengths & Weaknesses

Table 88. Tokyo Chemical Industry Basic Information, Manufacturing Base and Competitors

Table 89. Tokyo Chemical Industry Major Business

Table 90. Tokyo Chemical Industry C18 Bonding Reagent Product and Services

Table 91. Tokyo Chemical Industry C18 Bonding Reagent Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 92. Tokyo Chemical Industry Recent Developments/Updates
Table 93. Tokyo Chemical Industry Competitive Strengths & Weaknesses
Table 94. Merck Basic Information, Manufacturing Base and Competitors
Table 95. Merck Major Business
Table 96. Merck C18 Bonding Reagent Product and Services
Table 97. Merck C18 Bonding Reagent Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 98. Merck Recent Developments/Updates
Table 99. Merck Competitive Strengths & Weaknesses
Table 100. Thermo Fisher Scientific Basic Information, Manufacturing Base and Competitors
Table 101. Thermo Fisher Scientific Major Business
Table 102. Thermo Fisher Scientific C18 Bonding Reagent Product and Services
Table 103. Thermo Fisher Scientific C18 Bonding Reagent Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 104. Thermo Fisher Scientific Recent Developments/Updates
Table 105. Thermo Fisher Scientific Competitive Strengths & Weaknesses
Table 106. Fluorochem Basic Information, Manufacturing Base and Competitors
Table 107. Fluorochem Major Business
Table 108. Fluorochem C18 Bonding Reagent Product and Services
Table 109. Fluorochem C18 Bonding Reagent Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 110. Fluorochem Recent Developments/Updates
Table 111. Fluorochem Competitive Strengths & Weaknesses
Table 112. Hubei Co-Formula Material Basic Information, Manufacturing Base and Competitors
Table 113. Hubei Co-Formula Material Major Business
Table 114. Hubei Co-Formula Material C18 Bonding Reagent Product and Services
Table 115. Hubei Co-Formula Material C18 Bonding Reagent Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 116. Hubei Co-Formula Material Recent Developments/Updates
Table 117. Hubei Co-Formula Material Competitive Strengths & Weaknesses
Table 118. Hubei Jiangnan New Materials Basic Information, Manufacturing Base and Competitors
Table 119. Hubei Jiangnan New Materials Major Business
Table 120. Hubei Jiangnan New Materials C18 Bonding Reagent Product and Services
Table 121. Hubei Jiangnan New Materials C18 Bonding Reagent Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 122. Hubei Jiangnan New Materials Recent Developments/Updates

Table 123. Hubei Jiangnan New Materials Competitive Strengths & Weaknesses

Table 124. Nanjing SiSiB Silicones Basic Information, Manufacturing Base and Competitors

Table 125. Nanjing SiSiB Silicones Major Business

Table 126. Nanjing SiSiB Silicones C18 Bonding Reagent Product and Services

Table 127. Nanjing SiSiB Silicones C18 Bonding Reagent Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 128. Nanjing SiSiB Silicones Recent Developments/Updates

Table 129. Nanjing SiSiB Silicones Competitive Strengths & Weaknesses

Table 130. Shanghai Aladdin Biochemical Basic Information, Manufacturing Base and Competitors

Table 131. Shanghai Aladdin Biochemical Major Business

Table 132. Shanghai Aladdin Biochemical C18 Bonding Reagent Product and Services

Table 133. Shanghai Aladdin Biochemical C18 Bonding Reagent Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 134. Shanghai Aladdin Biochemical Recent Developments/Updates

Table 135. Shanghai Aladdin Biochemical Competitive Strengths & Weaknesses

Table 136. Global Key Players of C18 Bonding Reagent Upstream (Raw Materials)

Table 137. Global C18 Bonding Reagent Typical Customers

Table 138. C18 Bonding Reagent Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. C18 Bonding Reagent Picture

Figure 2. World C18 Bonding Reagent Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World C18 Bonding Reagent Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World C18 Bonding Reagent Production (2021-2032) & (kg)

Figure 5. World C18 Bonding Reagent Average Price (2021-2032) & (US\$/kg)

Figure 6. World C18 Bonding Reagent Production Value Market Share by Region (2021-2032)

Figure 7. World C18 Bonding Reagent Production Market Share by Region (2021-2032)

Figure 8. North America C18 Bonding Reagent Production (2021-2032) & (kg)

Figure 9. Europe C18 Bonding Reagent Production (2021-2032) & (kg)

Figure 10. China C18 Bonding Reagent Production (2021-2032) & (kg)

Figure 11. Japan C18 Bonding Reagent Production (2021-2032) & (kg)

Figure 12. India C18 Bonding Reagent Production (2021-2032) & (kg)

Figure 13. Southeast Asia C18 Bonding Reagent Production (2021-2032) & (kg)

Figure 14. C18 Bonding Reagent Market Drivers

Figure 15. Factors Affecting Demand

Figure 16. World C18 Bonding Reagent Consumption (2021-2032) & (kg)

Figure 17. World C18 Bonding Reagent Consumption Market Share by Region (2021-2032)

Figure 18. United States C18 Bonding Reagent Consumption (2021-2032) & (kg)

Figure 19. China C18 Bonding Reagent Consumption (2021-2032) & (kg)

Figure 20. Europe C18 Bonding Reagent Consumption (2021-2032) & (kg)

Figure 21. Japan C18 Bonding Reagent Consumption (2021-2032) & (kg)

Figure 22. South Korea C18 Bonding Reagent Consumption (2021-2032) & (kg)

Figure 23. ASEAN C18 Bonding Reagent Consumption (2021-2032) & (kg)

Figure 24. India C18 Bonding Reagent Consumption (2021-2032) & (kg)

Figure 25. Producer Shipments of C18 Bonding Reagent by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 26. Global Four-firm Concentration Ratios (CR4) for C18 Bonding Reagent Markets in 2025

Figure 27. Global Four-firm Concentration Ratios (CR8) for C18 Bonding Reagent Markets in 2025

Figure 28. United States VS China: C18 Bonding Reagent Production Value Market

Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: C18 Bonding Reagent Production Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States VS China: C18 Bonding Reagent Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 31. United States Based Manufacturers C18 Bonding Reagent Production Market Share 2025

Figure 32. China Based Manufacturers C18 Bonding Reagent Production Market Share 2025

Figure 33. Rest of World Based Manufacturers C18 Bonding Reagent Production Market Share 2025

Figure 34. World C18 Bonding Reagent Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 35. World C18 Bonding Reagent Production Value Market Share by Type in 2025

Figure 36. Chlorosilane C18 Reagents

Figure 37. Alkoxysilane C18 Reagents

Figure 38. Aminosilane C18 Reagents

Figure 39. Oligomeric C18 Silane Treatments

Figure 40. World C18 Bonding Reagent Production Market Share by Type (2021-2032)

Figure 41. World C18 Bonding Reagent Production Value Market Share by Type (2021-2032)

Figure 42. World C18 Bonding Reagent Average Price by Type (2021-2032) & (US\$/kg)

Figure 43. World C18 Bonding Reagent Production Value by Silane Functionality, (USD Million), 2021 & 2025 & 2032

Figure 44. World C18 Bonding Reagent Production Value Market Share by Silane Functionality in 2025

Figure 45. Monofunctional C18 Silanes

Figure 46. Difunctional C18 Silanes

Figure 47. Trifunctional C18 Silanes

Figure 48. Multifunctional C18 Silanes

Figure 49. World C18 Bonding Reagent Production Market Share by Silane Functionality (2021-2032)

Figure 50. World C18 Bonding Reagent Production Value Market Share by Silane Functionality (2021-2032)

Figure 51. World C18 Bonding Reagent Average Price by Silane Functionality (2021-2032) & (US\$/kg)

Figure 52. World C18 Bonding Reagent Production Value by Purity Grade, (USD Million), 2021 & 2025 & 2032

Figure 53. World C18 Bonding Reagent Production Value Market Share by Purity Grade in 2025

Figure 54. Standard Purity Grade

Figure 55. High Purity Grade

Figure 56. Ultra-High Purity Grade

Figure 57. World C18 Bonding Reagent Production Market Share by Purity Grade (2021-2032)

Figure 58. World C18 Bonding Reagent Production Value Market Share by Purity Grade (2021-2032)

Figure 59. World C18 Bonding Reagent Average Price by Purity Grade (2021-2032) & (US\$/kg)

Figure 60. World C18 Bonding Reagent Production Value by Target Substrate, (USD Million), 2021 & 2025 & 2032

Figure 61. World C18 Bonding Reagent Production Value Market Share by Target Substrate in 2025

Figure 62. Silica Gel Surface Bonding

Figure 63. Glass and Silicon Dioxide Surfaces

Figure 64. Metal Oxide Surfaces

Figure 65. Inorganic Filler Treatment

Figure 66. Other Substrates

Figure 67. World C18 Bonding Reagent Production Market Share by Target Substrate (2021-2032)

Figure 68. World C18 Bonding Reagent Production Value Market Share by Target Substrate (2021-2032)

Figure 69. World C18 Bonding Reagent Average Price by Target Substrate (2021-2032) & (US\$/kg)

Figure 70. World C18 Bonding Reagent Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 71. World C18 Bonding Reagent Production Value Market Share by Application in 2025

Figure 72. Reversed-Phase Chromatography Media

Figure 73. Sample Preparation Media

Figure 74. Surface Hydrophobization

Figure 75. Self-Assembled Monolayers

Figure 76. Composite and Filler Treatment

Figure 77. Other

Figure 78. World C18 Bonding Reagent Production Market Share by Application (2021-2032)

Figure 79. World C18 Bonding Reagent Production Value Market Share by Application

(2021-2032)

Figure 80. World C18 Bonding Reagent Average Price by Application (2021-2032) & (US\$/kg)

Figure 81. C18 Bonding Reagent Industry Chain

Figure 82. C18 Bonding Reagent Procurement Model

Figure 83. C18 Bonding Reagent Sales Model

Figure 84. C18 Bonding Reagent Sales Channels, Direct Sales, and Distribution

Figure 85. Methodology

Figure 86. Research Process and Data Source

I would like to order

Product name: Global C18 Bonding Reagent Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G46ECA25CA7EN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G46ECA25CA7EN.html>