

Global Room Temperature Blackening Agent Market Research Report 2026(Status and Outlook)

<https://marketpublishers.com/r/GF1D3569374EEN.html>

Date: March 2026

Pages: 151

Price: US\$ 3,200.00 (Single User License)

ID: GF1D3569374EEN

Abstracts

The 2025 U.S. tariff policies introduce profound uncertainty into the global economic landscape. This report critically examines the implications of recent tariff adjustments and international strategic countermeasures on Room Temperature Blackening Agent competitive dynamics, regional economic interdependencies, and supply chain reconfigurations. In 2024, global production of Room Temperature Blackening Agent reached approximately 82,300 tons, with an average selling price of approximately US\$3,500 per ton. Room Temperature Blackening Agent is chemical reagents used for surface treatment of steel materials. They form a black oxide film on the metal surface at room temperature, providing corrosion protection and decorative effects. Compared to traditional high-temperature blackening, this treatment method offers advantages such as being pollution-free, energy-efficient, and easy to operate.

The global Room Temperature Blackening Agent market size was estimated at USD 288.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 4.50% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Room Temperature Blackening Agent market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Room Temperature Blackening Agent market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Room Temperature Blackening Agent market.

Global Room Temperature Blackening Agent Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

Key Company

Birchwood
ECOSOND
JAX Chemical
Henkel
Guangzhou Yishun Chemical
Shanghai Guanghua Technology
Nantong Rui'ao New Materials Technology
Cangzhou Sanyu Chemical Products
Liuzhou Guodian Chemicals
Shandong Shiqiang New Materials Technology

Shenzhen Shengdeyi Surface Treatment Technology
Hunan Guterui Novel Material Science and Technology

Market Segmentation (by Type)

Selenate-Based
Copper-Based
Molybdate-Based
Others

Market Segmentation (by Application)

Machinery Components
Electronics & Precision Instruments
Aerospace
Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study
Neutral perspective on the market performance
Recent industry trends and developments
Competitive landscape & strategies of key players
Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value
In-depth analysis of the Room Temperature Blackening Agent Market
Overview of the regional outlook of the Room Temperature Blackening Agent Market:

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Room Temperature Blackening Agent Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Room Temperature Blackening Agent, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of Room Temperature Blackening Agent
- 1.2 Key Market Segments
 - 1.2.1 Room Temperature Blackening Agent Segment by Type
 - 1.2.2 Room Temperature Blackening Agent Segment by Application
- 1.3 Methodology & Sources of Information
 - 1.3.1 Research Methodology
 - 1.3.2 Research Process
 - 1.3.3 Market Breakdown and Data Triangulation
 - 1.3.4 Base Year
 - 1.3.5 Report Assumptions & Caveats

2 ROOM TEMPERATURE BLACKENING AGENT MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global Room Temperature Blackening Agent Market Size (M USD) Estimates and Forecasts (2020-2035)
 - 2.1.2 Global Room Temperature Blackening Agent Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 ROOM TEMPERATURE BLACKENING AGENT MARKET COMPETITIVE LANDSCAPE

- 3.1 Company Assessment Quadrant
- 3.2 Global Room Temperature Blackening Agent Product Life Cycle
- 3.3 Global Room Temperature Blackening Agent Sales by Manufacturers (2020-2025)
- 3.4 Global Room Temperature Blackening Agent Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Room Temperature Blackening Agent Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Room Temperature Blackening Agent Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 Room Temperature Blackening Agent Market Competitive Situation and Trends

- 3.8.1 Room Temperature Blackening Agent Market Concentration Rate
- 3.8.2 Global 5 and 10 Largest Room Temperature Blackening Agent Players Market Share by Revenue
- 3.8.3 Mergers & Acquisitions, Expansion

4 ROOM TEMPERATURE BLACKENING AGENT INDUSTRY CHAIN ANALYSIS

- 4.1 Room Temperature Blackening Agent Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF ROOM TEMPERATURE BLACKENING AGENT MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Industry News
 - 5.4.1 New Product Developments
 - 5.4.2 Mergers & Acquisitions
 - 5.4.3 Expansions
 - 5.4.4 Collaboration/Supply Contracts
- 5.5 PEST Analysis
 - 5.5.1 Industry Policies Analysis
 - 5.5.2 Economic Environment Analysis
 - 5.5.3 Social Environment Analysis
 - 5.5.4 Technological Environment Analysis
- 5.6 Global Room Temperature Blackening Agent Market Porter's Five Forces Analysis
 - 5.6.1 Global Trade Frictions
 - 5.6.2 U.S. Tariff Policy ? April 2025
 - 5.6.3 Global Trade Frictions and Their Impacts to Room Temperature Blackening Agent Market
- 5.7 ESG Ratings of Leading Companies

6 ROOM TEMPERATURE BLACKENING AGENT MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Room Temperature Blackening Agent Sales Market Share by Type (2020-2025)

6.3 Global Room Temperature Blackening Agent Market Size by Type (2020-2025)

6.4 Global Room Temperature Blackening Agent Price by Type (2020-2025)

7 ROOM TEMPERATURE BLACKENING AGENT MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Room Temperature Blackening Agent Market Sales by Application (2020-2025)

7.3 Global Room Temperature Blackening Agent Market Size (M USD) by Application (2020-2025)

7.4 Global Room Temperature Blackening Agent Sales Growth Rate by Application (2020-2025)

8 ROOM TEMPERATURE BLACKENING AGENT MARKET SALES BY REGION

8.1 Global Room Temperature Blackening Agent Sales by Region

8.1.1 Global Room Temperature Blackening Agent Sales by Region

8.1.2 Global Room Temperature Blackening Agent Sales Market Share by Region

8.2 Global Room Temperature Blackening Agent Market Size by Region

8.2.1 Global Room Temperature Blackening Agent Market Size by Region

8.2.2 Global Room Temperature Blackening Agent Market Size by Region

8.3 North America

8.3.1 North America Room Temperature Blackening Agent Sales by Country

8.3.2 North America Room Temperature Blackening Agent Market Size by Country

8.3.3 U.S. Market Overview

8.3.4 Canada Market Overview

8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe Room Temperature Blackening Agent Sales by Country

8.4.2 Europe Room Temperature Blackening Agent Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Spain Market Overview

8.5 Asia Pacific

- 8.5.1 Asia Pacific Room Temperature Blackening Agent Sales by Region
- 8.5.2 Asia Pacific Room Temperature Blackening Agent Market Size by Region
- 8.5.3 China Market Overview
- 8.5.4 Japan Market Overview
- 8.5.5 South Korea Market Overview
- 8.5.6 India Market Overview
- 8.5.7 Southeast Asia Market Overview
- 8.6 South America
 - 8.6.1 South America Room Temperature Blackening Agent Sales by Country
 - 8.6.2 South America Room Temperature Blackening Agent Market Size by Country
 - 8.6.3 Brazil Market Overview
 - 8.6.4 Argentina Market Overview
 - 8.6.5 Columbia Market Overview
- 8.7 Middle East and Africa
 - 8.7.1 Middle East and Africa Room Temperature Blackening Agent Sales by Region
 - 8.7.2 Middle East and Africa Room Temperature Blackening Agent Market Size by Region
 - 8.7.3 Saudi Arabia Market Overview
 - 8.7.4 UAE Market Overview
 - 8.7.5 Egypt Market Overview
 - 8.7.6 Nigeria Market Overview
 - 8.7.7 South Africa Market Overview

9 ROOM TEMPERATURE BLACKENING AGENT MARKET PRODUCTION BY REGION

- 9.1 Global Production of Room Temperature Blackening Agent by Region(2020-2025)
- 9.2 Global Room Temperature Blackening Agent Revenue Market Share by Region (2020-2025)
- 9.3 Global Room Temperature Blackening Agent Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America Room Temperature Blackening Agent Production
 - 9.4.1 North America Room Temperature Blackening Agent Production Growth Rate (2020-2025)
 - 9.4.2 North America Room Temperature Blackening Agent Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe Room Temperature Blackening Agent Production
 - 9.5.1 Europe Room Temperature Blackening Agent Production Growth Rate (2020-2025)

9.5.2 Europe Room Temperature Blackening Agent Production, Revenue, Price and Gross Margin (2020-2025)

9.6 Japan Room Temperature Blackening Agent Production (2020-2025)

9.6.1 Japan Room Temperature Blackening Agent Production Growth Rate (2020-2025)

9.6.2 Japan Room Temperature Blackening Agent Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China Room Temperature Blackening Agent Production (2020-2025)

9.7.1 China Room Temperature Blackening Agent Production Growth Rate (2020-2025)

9.7.2 China Room Temperature Blackening Agent Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 Birchwood

10.1.1 Birchwood Basic Information

10.1.2 Birchwood Room Temperature Blackening Agent Product Overview

10.1.3 Birchwood Room Temperature Blackening Agent Product Market Performance

10.1.4 Birchwood Business Overview

10.1.5 Birchwood SWOT Analysis

10.1.6 Birchwood Recent Developments

10.2 ECOSOND

10.2.1 ECOSOND Basic Information

10.2.2 ECOSOND Room Temperature Blackening Agent Product Overview

10.2.3 ECOSOND Room Temperature Blackening Agent Product Market Performance

10.2.4 ECOSOND Business Overview

10.2.5 ECOSOND SWOT Analysis

10.2.6 ECOSOND Recent Developments

10.3 JAX Chemical

10.3.1 JAX Chemical Basic Information

10.3.2 JAX Chemical Room Temperature Blackening Agent Product Overview

10.3.3 JAX Chemical Room Temperature Blackening Agent Product Market Performance

10.3.4 JAX Chemical Business Overview

10.3.5 JAX Chemical SWOT Analysis

10.3.6 JAX Chemical Recent Developments

10.4 Henkel

10.4.1 Henkel Basic Information

- 10.4.2 Henkel Room Temperature Blackening Agent Product Overview
- 10.4.3 Henkel Room Temperature Blackening Agent Product Market Performance
- 10.4.4 Henkel Business Overview
- 10.4.5 Henkel Recent Developments
- 10.5 Guangzhou Yishun Chemical
 - 10.5.1 Guangzhou Yishun Chemical Basic Information
 - 10.5.2 Guangzhou Yishun Chemical Room Temperature Blackening Agent Product Overview
 - 10.5.3 Guangzhou Yishun Chemical Room Temperature Blackening Agent Product Market Performance
 - 10.5.4 Guangzhou Yishun Chemical Business Overview
 - 10.5.5 Guangzhou Yishun Chemical Recent Developments
- 10.6 Shanghai Guanghua Technology
 - 10.6.1 Shanghai Guanghua Technology Basic Information
 - 10.6.2 Shanghai Guanghua Technology Room Temperature Blackening Agent Product Overview
 - 10.6.3 Shanghai Guanghua Technology Room Temperature Blackening Agent Product Market Performance
 - 10.6.4 Shanghai Guanghua Technology Business Overview
 - 10.6.5 Shanghai Guanghua Technology Recent Developments
- 10.7 Nantong Rui'ao New Materials Technology
 - 10.7.1 Nantong Rui'ao New Materials Technology Basic Information
 - 10.7.2 Nantong Rui'ao New Materials Technology Room Temperature Blackening Agent Product Overview
 - 10.7.3 Nantong Rui'ao New Materials Technology Room Temperature Blackening Agent Product Market Performance
 - 10.7.4 Nantong Rui'ao New Materials Technology Business Overview
 - 10.7.5 Nantong Rui'ao New Materials Technology Recent Developments
- 10.8 Cangzhou Sanyu Chemical Products
 - 10.8.1 Cangzhou Sanyu Chemical Products Basic Information
 - 10.8.2 Cangzhou Sanyu Chemical Products Room Temperature Blackening Agent Product Overview
 - 10.8.3 Cangzhou Sanyu Chemical Products Room Temperature Blackening Agent Product Market Performance
 - 10.8.4 Cangzhou Sanyu Chemical Products Business Overview
 - 10.8.5 Cangzhou Sanyu Chemical Products Recent Developments
- 10.9 Liuzhou Guodian Chemicals
 - 10.9.1 Liuzhou Guodian Chemicals Basic Information
 - 10.9.2 Liuzhou Guodian Chemicals Room Temperature Blackening Agent Product

Overview

10.9.3 Liuzhou Guodian Chemicals Room Temperature Blackening Agent Product

Market Performance

10.9.4 Liuzhou Guodian Chemicals Business Overview

10.9.5 Liuzhou Guodian Chemicals Recent Developments

10.10 Shandong Shiqiang New Materials Technology

10.10.1 Shandong Shiqiang New Materials Technology Basic Information

10.10.2 Shandong Shiqiang New Materials Technology Room Temperature

Blackening Agent Product Overview

10.10.3 Shandong Shiqiang New Materials Technology Room Temperature

Blackening Agent Product Market Performance

10.10.4 Shandong Shiqiang New Materials Technology Business Overview

10.10.5 Shandong Shiqiang New Materials Technology Recent Developments

10.11 Shenzhen Shengdeyi Surface Treatment Technology

10.11.1 Shenzhen Shengdeyi Surface Treatment Technology Basic Information

10.11.2 Shenzhen Shengdeyi Surface Treatment Technology Room Temperature

Blackening Agent Product Overview

10.11.3 Shenzhen Shengdeyi Surface Treatment Technology Room Temperature

Blackening Agent Product Market Performance

10.11.4 Shenzhen Shengdeyi Surface Treatment Technology Business Overview

10.11.5 Shenzhen Shengdeyi Surface Treatment Technology Recent Developments

10.12 Hunan Guterui Novel Material Science and Technology

10.12.1 Hunan Guterui Novel Material Science and Technology Basic Information

10.12.2 Hunan Guterui Novel Material Science and Technology Room Temperature

Blackening Agent Product Overview

10.12.3 Hunan Guterui Novel Material Science and Technology Room Temperature

Blackening Agent Product Market Performance

10.12.4 Hunan Guterui Novel Material Science and Technology Business Overview

10.12.5 Hunan Guterui Novel Material Science and Technology Recent Developments

11 ROOM TEMPERATURE BLACKENING AGENT MARKET FORECAST BY REGION

11.1 Global Room Temperature Blackening Agent Market Size Forecast

11.2 Global Room Temperature Blackening Agent Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe Room Temperature Blackening Agent Market Size Forecast by Country

11.2.3 Asia Pacific Room Temperature Blackening Agent Market Size Forecast by

Region

11.2.4 South America Room Temperature Blackening Agent Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of Room Temperature Blackening Agent by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)

12.1 Global Room Temperature Blackening Agent Market Forecast by Type (2026-2035)

12.1.1 Global Forecasted Sales of Room Temperature Blackening Agent by Type (2026-2035)

12.1.2 Global Room Temperature Blackening Agent Market Size Forecast by Type (2026-2035)

12.1.3 Global Forecasted Price of Room Temperature Blackening Agent by Type (2026-2035)

12.2 Global Room Temperature Blackening Agent Market Forecast by Application (2026-2035)

12.2.1 Global Room Temperature Blackening Agent Sales (K MT) Forecast by Application

12.2.2 Global Room Temperature Blackening Agent Market Size (M USD) Forecast by Application (2026-2035)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

- Table 1. Introduction of the Type
- Table 2. Introduction of the Application
- Table 3. Global Room Temperature Blackening Agent Market Size by Type (M USD)
- Table 4. Global Room Temperature Blackening Agent Market Size by Application
- Table 5. Room Temperature Blackening Agent Market Size Comparison by Region (M USD)
- Table 6. Global Room Temperature Blackening Agent Sales (K MT) by Manufacturers (2020-2025)
- Table 7. Global Room Temperature Blackening Agent Sales Market Share by Manufacturers (2020-2025)
- Table 8. Global Room Temperature Blackening Agent Revenue (M USD) by Manufacturers (2020-2025)
- Table 9. Global Room Temperature Blackening Agent Revenue Share by Manufacturers (2020-2025)
- Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Room Temperature Blackening Agent as of 2025)
- Table 11. Global Market Room Temperature Blackening Agent Average Price (USD/KG) of Key Manufacturers (2020-2025)
- Table 12. Manufacturers? Manufacturing Sites, Areas Served
- Table 13. Manufacturers? Product Type
- Table 14. Global Room Temperature Blackening Agent Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15. Mergers & Acquisitions, Expansion Plans
- Table 16. Market Overview of Key Raw Materials
- Table 17. Midstream Market Analysis
- Table 18. Downstream Customer Analysis
- Table 19. Key Development Trends
- Table 20. Driving Factors
- Table 21. Room Temperature Blackening Agent Market Challenges
- Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026
- Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027
- Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026
- Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries
- Table 26. Global Room Temperature Blackening Agent Sales by Type (K MT)

Table 27. Global Room Temperature Blackening Agent Market Size by Type (M USD)

Table 28. Global Room Temperature Blackening Agent Sales (K MT) by Type (2020-2025)

Table 29. Global Room Temperature Blackening Agent Sales Market Share by Type (2020-2025)

Table 30. Global Room Temperature Blackening Agent Market Size (M USD) by Type (2020-2025)

Table 31. Global Room Temperature Blackening Agent Market Share by Type (2020-2025)

Table 32. Global Room Temperature Blackening Agent Price (USD/KG) by Type (2020-2025)

Table 33. Global Room Temperature Blackening Agent Sales (K MT) by Application

Table 34. Global Room Temperature Blackening Agent Market Size by Application

Table 35. Global Room Temperature Blackening Agent Sales by Application (2020-2025) & (K MT)

Table 36. Global Room Temperature Blackening Agent Sales Market Share by Application (2020-2025)

Table 37. Global Room Temperature Blackening Agent Market Size by Application (2020-2025) & (M USD)

Table 38. Global Room Temperature Blackening Agent Market Share by Application (2020-2025)

Table 39. Global Room Temperature Blackening Agent Sales Growth Rate by Application (2020-2025)

Table 40. Global Room Temperature Blackening Agent Sales by Region (2020-2025) & (K MT)

Table 41. Global Room Temperature Blackening Agent Sales Market Share by Region (2020-2025)

Table 42. Global Room Temperature Blackening Agent Market Size by Region (2020-2025) & (M USD)

Table 43. Global Room Temperature Blackening Agent Market Size by Region (2020-2025)

Table 44. North America Room Temperature Blackening Agent Sales by Country (2020-2025) & (K MT)

Table 45. North America Room Temperature Blackening Agent Market Size by Country (2020-2025) & (M USD)

Table 46. Europe Room Temperature Blackening Agent Sales by Country (2020-2025) & (K MT)

Table 47. Europe Room Temperature Blackening Agent Market Size by Country (2020-2025) & (M USD)

Table 48. Asia Pacific Room Temperature Blackening Agent Sales by Region (2020-2025) & (K MT)

Table 49. Asia Pacific Room Temperature Blackening Agent Market Size by Region (2020-2025) & (M USD)

Table 50. South America Room Temperature Blackening Agent Sales by Country (2020-2025) & (K MT)

Table 51. South America Room Temperature Blackening Agent Market Size by Country (2020-2025) & (M USD)

Table 52. Middle East and Africa Room Temperature Blackening Agent Sales by Region (2020-2025) & (K MT)

Table 53. Middle East and Africa Room Temperature Blackening Agent Market Size by Region (2020-2025) & (M USD)

Table 54. Global Room Temperature Blackening Agent Production (K MT) by Region(2020-2025)

Table 55. Global Room Temperature Blackening Agent Revenue (US\$ Million) by Region (2020-2025)

Table 56. Global Room Temperature Blackening Agent Revenue Market Share by Region (2020-2025)

Table 57. Global Room Temperature Blackening Agent Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 58. North America Room Temperature Blackening Agent Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 59. Europe Room Temperature Blackening Agent Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 60. Japan Room Temperature Blackening Agent Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 61. China Room Temperature Blackening Agent Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 62. Birchwood Basic Information

Table 63. Birchwood Room Temperature Blackening Agent Product Overview

Table 64. Birchwood Room Temperature Blackening Agent Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 65. Birchwood Business Overview

Table 66. Birchwood SWOT Analysis

Table 67. Birchwood Recent Developments

Table 68. ECOSOND Basic Information

Table 69. ECOSOND Room Temperature Blackening Agent Product Overview

Table 70. ECOSOND Room Temperature Blackening Agent Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

- Table 71. ECOSOND Business Overview
- Table 72. ECOSOND SWOT Analysis
- Table 73. ECOSOND Recent Developments
- Table 74. JAX Chemical Basic Information
- Table 75. JAX Chemical Room Temperature Blackening Agent Product Overview
- Table 76. JAX Chemical Room Temperature Blackening Agent Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 77. JAX Chemical Business Overview
- Table 78. JAX Chemical SWOT Analysis
- Table 79. JAX Chemical Recent Developments
- Table 80. Henkel Basic Information
- Table 81. Henkel Room Temperature Blackening Agent Product Overview
- Table 82. Henkel Room Temperature Blackening Agent Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 83. Henkel Business Overview
- Table 84. Henkel Recent Developments
- Table 85. Guangzhou Yishun Chemical Basic Information
- Table 86. Guangzhou Yishun Chemical Room Temperature Blackening Agent Product Overview
- Table 87. Guangzhou Yishun Chemical Room Temperature Blackening Agent Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 88. Guangzhou Yishun Chemical Business Overview
- Table 89. Guangzhou Yishun Chemical Recent Developments
- Table 90. Shanghai Guanghua Technology Basic Information
- Table 91. Shanghai Guanghua Technology Room Temperature Blackening Agent Product Overview
- Table 92. Shanghai Guanghua Technology Room Temperature Blackening Agent Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 93. Shanghai Guanghua Technology Business Overview
- Table 94. Shanghai Guanghua Technology Recent Developments
- Table 95. Nantong Rui'ao New Materials Technology Basic Information
- Table 96. Nantong Rui'ao New Materials Technology Room Temperature Blackening Agent Product Overview
- Table 97. Nantong Rui'ao New Materials Technology Room Temperature Blackening Agent Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 98. Nantong Rui'ao New Materials Technology Business Overview
- Table 99. Nantong Rui'ao New Materials Technology Recent Developments
- Table 100. Cangzhou Sanyu Chemical Products Basic Information

- Table 101. Cangzhou Sanyu Chemical Products Room Temperature Blackening Agent Product Overview
- Table 102. Cangzhou Sanyu Chemical Products Room Temperature Blackening Agent Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 103. Cangzhou Sanyu Chemical Products Business Overview
- Table 104. Cangzhou Sanyu Chemical Products Recent Developments
- Table 105. Liuzhou Guodian Chemicals Basic Information
- Table 106. Liuzhou Guodian Chemicals Room Temperature Blackening Agent Product Overview
- Table 107. Liuzhou Guodian Chemicals Room Temperature Blackening Agent Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 108. Liuzhou Guodian Chemicals Business Overview
- Table 109. Liuzhou Guodian Chemicals Recent Developments
- Table 110. Shandong Shiqiang New Materials Technology Basic Information
- Table 111. Shandong Shiqiang New Materials Technology Room Temperature Blackening Agent Product Overview
- Table 112. Shandong Shiqiang New Materials Technology Room Temperature Blackening Agent Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 113. Shandong Shiqiang New Materials Technology Business Overview
- Table 114. Shandong Shiqiang New Materials Technology Recent Developments
- Table 115. Shenzhen Shengdeyi Surface Treatment Technology Basic Information
- Table 116. Shenzhen Shengdeyi Surface Treatment Technology Room Temperature Blackening Agent Product Overview
- Table 117. Shenzhen Shengdeyi Surface Treatment Technology Room Temperature Blackening Agent Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 118. Shenzhen Shengdeyi Surface Treatment Technology Business Overview
- Table 119. Shenzhen Shengdeyi Surface Treatment Technology Recent Developments
- Table 120. Hunan Guterui Novel Material Science and Technology Basic Information
- Table 121. Hunan Guterui Novel Material Science and Technology Room Temperature Blackening Agent Product Overview
- Table 122. Hunan Guterui Novel Material Science and Technology Room Temperature Blackening Agent Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 123. Hunan Guterui Novel Material Science and Technology Business Overview
- Table 124. Hunan Guterui Novel Material Science and Technology Recent Developments
- Table 125. Global Room Temperature Blackening Agent Sales Forecast by Region

(2026-2035) & (K MT)

Table 126. Global Room Temperature Blackening Agent Market Size Forecast by Region (2026-2035) & (M USD)

Table 127. North America Room Temperature Blackening Agent Sales Forecast by Country (2026-2035) & (K MT)

Table 128. North America Room Temperature Blackening Agent Market Size Forecast by Country (2026-2035) & (M USD)

Table 129. Europe Room Temperature Blackening Agent Sales Forecast by Country (2026-2035) & (K MT)

Table 130. Europe Room Temperature Blackening Agent Market Size Forecast by Country (2026-2035) & (M USD)

Table 131. Asia Pacific Room Temperature Blackening Agent Sales Forecast by Region (2026-2035) & (K MT)

Table 132. Asia Pacific Room Temperature Blackening Agent Market Size Forecast by Region (2026-2035) & (M USD)

Table 133. South America Room Temperature Blackening Agent Sales Forecast by Country (2026-2035) & (K MT)

Table 134. South America Room Temperature Blackening Agent Market Size Forecast by Country (2026-2035) & (M USD)

Table 135. Middle East and Africa Room Temperature Blackening Agent Sales Forecast by Country (2026-2035) & (Units)

Table 136. Middle East and Africa Room Temperature Blackening Agent Market Size Forecast by Country (2026-2035) & (M USD)

Table 137. Global Room Temperature Blackening Agent Sales Forecast by Type (2026-2035) & (K MT)

Table 138. Global Room Temperature Blackening Agent Market Size Forecast by Type (2026-2035) & (M USD)

Table 139. Global Room Temperature Blackening Agent Price Forecast by Type (2026-2035) & (USD/KG)

Table 140. Global Room Temperature Blackening Agent Sales (K MT) Forecast by Application (2026-2035)

Table 141. Global Room Temperature Blackening Agent Market Size Forecast by Application (2026-2035) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Room Temperature Blackening Agent
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Room Temperature Blackening Agent Market Size (M USD), 2025-2035
- Figure 5. Global Room Temperature Blackening Agent Market Size (M USD) (2020-2035)
- Figure 6. Global Room Temperature Blackening Agent Sales (K MT) & (2020-2035)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Room Temperature Blackening Agent Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Room Temperature Blackening Agent Product Life Cycle
- Figure 13. Room Temperature Blackening Agent Sales Share by Manufacturers in 2025
- Figure 14. Global Room Temperature Blackening Agent Revenue Share by Manufacturers in 2025
- Figure 15. Room Temperature Blackening Agent Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market Room Temperature Blackening Agent Average Price (USD/KG) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Room Temperature Blackening Agent Revenue in 2025
- Figure 18. Industry Chain Map of Room Temperature Blackening Agent
- Figure 19. Global Room Temperature Blackening Agent Market PEST Analysis
- Figure 20. Global Room Temperature Blackening Agent Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Room Temperature Blackening Agent Market Share by Type
- Figure 27. Sales Market Share of Room Temperature Blackening Agent by Type (2020-2025)

Figure 28. Sales Market Share of Room Temperature Blackening Agent by Type in 2025

Figure 29. Market Share of Room Temperature Blackening Agent by Type (2020-2025)

Figure 30. Market Share of Room Temperature Blackening Agent by Type in 2025

Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 32. Global Room Temperature Blackening Agent Market Share by Application

Figure 33. Global Room Temperature Blackening Agent Sales Market Share by Application (2020-2025)

Figure 34. Global Room Temperature Blackening Agent Sales Market Share by Application in 2025

Figure 35. Global Room Temperature Blackening Agent Market Share by Application (2020-2025)

Figure 36. Global Room Temperature Blackening Agent Market Share by Application in 2025

Figure 37. Global Room Temperature Blackening Agent Sales Growth Rate by Application (2020-2025)

Figure 38. Global Room Temperature Blackening Agent Sales Market Share by Region (2020-2025)

Figure 39. Global Room Temperature Blackening Agent Market Size by Region (2020-2025)

Figure 40. North America Room Temperature Blackening Agent Sales and Growth Rate (2020-2025) & (K MT)

Figure 41. North America Room Temperature Blackening Agent Sales and Growth Rate (2020-2025) & (K MT)

Figure 42. North America Room Temperature Blackening Agent Sales Market Share by Country in 2024

Figure 43. North America Room Temperature Blackening Agent Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Room Temperature Blackening Agent Market Size by Country in 2024

Figure 45. U.S. Room Temperature Blackening Agent Sales and Growth Rate (2020-2025) & (K MT)

Figure 46. U.S. Room Temperature Blackening Agent Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Room Temperature Blackening Agent Sales (K MT) and Growth Rate (2020-2025)

Figure 48. Canada Room Temperature Blackening Agent Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Room Temperature Blackening Agent Sales (Units) and Growth Rate

(2020-2025)

Figure 50. Mexico Room Temperature Blackening Agent Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Room Temperature Blackening Agent Sales and Growth Rate (2020-2025) & (K MT)

Figure 52. Europe Room Temperature Blackening Agent Sales Market Share by Country in 2024

Figure 53. Europe Room Temperature Blackening Agent Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Room Temperature Blackening Agent Market Size by Country in 2024

Figure 55. Germany Room Temperature Blackening Agent Sales and Growth Rate (2020-2025) & (K MT)

Figure 56. Germany Room Temperature Blackening Agent Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Room Temperature Blackening Agent Sales and Growth Rate (2020-2025) & (K MT)

Figure 58. France Room Temperature Blackening Agent Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Room Temperature Blackening Agent Sales and Growth Rate (2020-2025) & (K MT)

Figure 60. U.K. Room Temperature Blackening Agent Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Room Temperature Blackening Agent Sales and Growth Rate (2020-2025) & (K MT)

Figure 62. Italy Room Temperature Blackening Agent Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Room Temperature Blackening Agent Sales and Growth Rate (2020-2025) & (K MT)

Figure 64. Spain Room Temperature Blackening Agent Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Room Temperature Blackening Agent Sales and Growth Rate (K MT)

Figure 66. Asia Pacific Room Temperature Blackening Agent Sales Market Share by Region in 2024

Figure 67. Asia Pacific Room Temperature Blackening Agent Market Size by Region in 2024

Figure 68. China Room Temperature Blackening Agent Sales and Growth Rate (2020-2025) & (K MT)

Figure 69. China Room Temperature Blackening Agent Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Room Temperature Blackening Agent Sales and Growth Rate (2020-2025) & (K MT)

Figure 71. Japan Room Temperature Blackening Agent Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Room Temperature Blackening Agent Sales and Growth Rate (2020-2025) & (K MT)

Figure 73. South Korea Room Temperature Blackening Agent Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Room Temperature Blackening Agent Sales and Growth Rate (2020-2025) & (K MT)

Figure 75. India Room Temperature Blackening Agent Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Room Temperature Blackening Agent Sales and Growth Rate (2020-2025) & (K MT)

Figure 77. Southeast Asia Room Temperature Blackening Agent Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Room Temperature Blackening Agent Sales and Growth Rate (K MT)

Figure 79. South America Room Temperature Blackening Agent Sales Market Share by Country in 2024

Figure 80. South America Room Temperature Blackening Agent Market Size and Growth Rate (M USD)

Figure 81. South America Room Temperature Blackening Agent Market Size by Country in 2024

Figure 82. Brazil Room Temperature Blackening Agent Sales and Growth Rate (2020-2025) & (K MT)

Figure 83. Brazil Room Temperature Blackening Agent Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Room Temperature Blackening Agent Sales and Growth Rate (2020-2025) & (K MT)

Figure 85. Argentina Room Temperature Blackening Agent Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Room Temperature Blackening Agent Sales and Growth Rate (2020-2025) & (K MT)

Figure 87. Columbia Room Temperature Blackening Agent Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Room Temperature Blackening Agent Sales and

Growth Rate (K MT)

Figure 89. Middle East and Africa Room Temperature Blackening Agent Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Room Temperature Blackening Agent Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Room Temperature Blackening Agent Market Size by Region in 2024

Figure 92. Saudi Arabia Room Temperature Blackening Agent Sales and Growth Rate (2020-2025) & (K MT)

Figure 93. Saudi Arabia Room Temperature Blackening Agent Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Room Temperature Blackening Agent Sales and Growth Rate (2020-2025) & (K MT)

Figure 95. UAE Room Temperature Blackening Agent Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Room Temperature Blackening Agent Sales and Growth Rate (2020-2025) & (K MT)

Figure 97. Egypt Room Temperature Blackening Agent Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Room Temperature Blackening Agent Sales and Growth Rate (2020-2025) & (K MT)

Figure 99. Nigeria Room Temperature Blackening Agent Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Room Temperature Blackening Agent Sales and Growth Rate (2020-2025) & (K MT)

Figure 101. South Africa Room Temperature Blackening Agent Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Room Temperature Blackening Agent Production Market Share by Region (2020-2025)

Figure 103. North America Room Temperature Blackening Agent Production (K MT) Growth Rate (2020-2025)

Figure 104. Europe Room Temperature Blackening Agent Production (K MT) Growth Rate (2020-2025)

Figure 105. Japan Room Temperature Blackening Agent Production (K MT) Growth Rate (2020-2025)

Figure 106. China Room Temperature Blackening Agent Production (K MT) Growth Rate (2020-2025)

Figure 107. Global Room Temperature Blackening Agent Sales Forecast by Volume (2020-2035) & (K MT)

Figure 108. Global Room Temperature Blackening Agent Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global Room Temperature Blackening Agent Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global Room Temperature Blackening Agent Market Share Forecast by Type (2026-2035)

Figure 111. Global Room Temperature Blackening Agent Sales Forecast by Application (2026-2035)

Figure 112. Global Room Temperature Blackening Agent Market Share Forecast by Application (2026-2035)

I would like to order

Product name: Global Room Temperature Blackening Agent Market Research Report 2026(Status and Outlook)

Product link: <https://marketpublishers.com/r/GF1D3569374EEN.html>

Price: US\$ 3,200.00 (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/GF1D3569374EEN.html>