

Global Low-Resistance Conductive Carbon Paste Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GC8C1CF13AE1EN.html>

Date: July 2026

Pages: 116

Price: US\$ 3,480.00 (Single User License)

ID: GC8C1CF13AE1EN

Abstracts

According to our (Global Info Research) latest study, the global Low-Resistance Conductive Carbon Paste market size was valued at US\$ 106 million in 2025 and is forecast to a readjusted size of US\$ 176 million by 2032 with a CAGR of 7.4% during review period.

In 2025, global sales volume of Low-Resistance Conductive Carbon Paste was approximately 2,300 tons, with an average global market price of around USD 45/kg. Gross margins of major manufacturers were generally in the range of 28%-45%.

Low-Resistance Conductive Carbon Paste is a low-resistance conductive paste made with carbon-based conductive fillers such as conductive carbon black, graphite, graphene and carbon nanotubes, together with resin binders, solvents, dispersants and functional additives. The product is suitable for film-forming processes such as screen printing, gravure printing, dispensing and coating, and can be used to build low-sheet-resistance conductive carbon films, printed conductors, electrode layers and shielding/grounding layers on substrates such as PET, PI, glass, ceramics, metal foils and PCBs. Compared with silver-based conductive pastes, Low-Resistance Conductive Carbon Paste features lower material cost, good corrosion resistance, low silver migration risk and good compatibility with flexible substrates. Its sheet resistance, adhesion, bending resistance and processing window can be adjusted through conductive filler systems, resin systems and rheological design.

Upstream materials mainly include conductive carbon black, graphite powder, graphene, carbon nanotubes, resins, solvents, dispersants, leveling agents, curing agents and packaging materials. In the midstream, manufacturers produce paste

products with different sheet resistance grades, viscosity systems and process adaptability through filler dispersion, formulation design, grinding and filtration, viscosity adjustment and quality control. Downstream applications mainly include membrane switches, flexible sensors, flexible circuits, keyboard circuits, flexible heating films, auxiliary conductive layers for photovoltaic cells and other printed electronic devices. Low-Resistance Conductive Carbon Paste is an important category of low-cost printed conductive materials.

This report is a detailed and comprehensive analysis for global Low-Resistance Conductive Carbon Paste market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Low-Resistance Conductive Carbon Paste market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Low-Resistance Conductive Carbon Paste market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Low-Resistance Conductive Carbon Paste market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/kg), 2021-2032

Global Low-Resistance Conductive Carbon Paste market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/kg), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Low-Resistance Conductive Carbon Paste

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Low-Resistance Conductive Carbon Paste market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Tamura Corporation, Electra Polymers, Dycotec Materials, Heraeus Electronics, Creative Materials, Henkel, Celanese Corporation, Shenzhen Yilai Technology, Shanghai Julong Electronic Technology, Dongguan City Betterly New Materials, etc.

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

Market Segmentation

Low-Resistance Conductive Carbon Paste market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Conductive Carbon Black-Dominant Type

Graphite-Dominant Type

Graphene-Dominant Type

Carbon Nanotube-Dominant Type

Market segment by Sheet Resistance Grade

Ultra-Low Resistance Type (

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Low-Resistance Conductive Carbon Paste Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Conductive Carbon Black-Dominant Type

1.3.3 Graphite-Dominant Type

1.3.4 Graphene-Dominant Type

1.3.5 Carbon Nanotube-Dominant Type

1.4 Market Analysis by Sheet Resistance Grade

1.4.1 Overview: Global Low-Resistance Conductive Carbon Paste Consumption Value by Sheet Resistance Grade: 2021 Versus 2025 Versus 2032

1.4.2 Ultra-Low Resistance Type (

List Of Tables

LIST OF TABLES

Table 1. Global Low-Resistance Conductive Carbon Paste Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Low-Resistance Conductive Carbon Paste Consumption Value by Sheet Resistance Grade, (USD Million), 2021 & 2025 & 2032

Table 3. Global Low-Resistance Conductive Carbon Paste Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 4. Tamura Corporation Basic Information, Manufacturing Base and Competitors

Table 5. Tamura Corporation Major Business

Table 6. Tamura Corporation Low-Resistance Conductive Carbon Paste Product and Services

Table 7. Tamura Corporation Low-Resistance Conductive Carbon Paste Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 8. Tamura Corporation Recent Developments/Updates

Table 9. Electra Polymers Basic Information, Manufacturing Base and Competitors

Table 10. Electra Polymers Major Business

Table 11. Electra Polymers Low-Resistance Conductive Carbon Paste Product and Services

Table 12. Electra Polymers Low-Resistance Conductive Carbon Paste Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 13. Electra Polymers Recent Developments/Updates

Table 14. Dycotec Materials Basic Information, Manufacturing Base and Competitors

Table 15. Dycotec Materials Major Business

Table 16. Dycotec Materials Low-Resistance Conductive Carbon Paste Product and Services

Table 17. Dycotec Materials Low-Resistance Conductive Carbon Paste Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 18. Dycotec Materials Recent Developments/Updates

Table 19. Heraeus Electronics Basic Information, Manufacturing Base and Competitors

Table 20. Heraeus Electronics Major Business

Table 21. Heraeus Electronics Low-Resistance Conductive Carbon Paste Product and Services

Table 22. Heraeus Electronics Low-Resistance Conductive Carbon Paste Sales

Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 23. Heraeus Electronics Recent Developments/Updates

Table 24. Creative Materials Basic Information, Manufacturing Base and Competitors

Table 25. Creative Materials Major Business

Table 26. Creative Materials Low-Resistance Conductive Carbon Paste Product and Services

Table 27. Creative Materials Low-Resistance Conductive Carbon Paste Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 28. Creative Materials Recent Developments/Updates

Table 29. Henkel Basic Information, Manufacturing Base and Competitors

Table 30. Henkel Major Business

Table 31. Henkel Low-Resistance Conductive Carbon Paste Product and Services

Table 32. Henkel Low-Resistance Conductive Carbon Paste Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 33. Henkel Recent Developments/Updates

Table 34. Celanese Corporation Basic Information, Manufacturing Base and Competitors

Table 35. Celanese Corporation Major Business

Table 36. Celanese Corporation Low-Resistance Conductive Carbon Paste Product and Services

Table 37. Celanese Corporation Low-Resistance Conductive Carbon Paste Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 38. Celanese Corporation Recent Developments/Updates

Table 39. Shenzhen Yilai Technology Basic Information, Manufacturing Base and Competitors

Table 40. Shenzhen Yilai Technology Major Business

Table 41. Shenzhen Yilai Technology Low-Resistance Conductive Carbon Paste Product and Services

Table 42. Shenzhen Yilai Technology Low-Resistance Conductive Carbon Paste Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 43. Shenzhen Yilai Technology Recent Developments/Updates

Table 44. Shanghai Julong Electronic Technology Basic Information, Manufacturing Base and Competitors

Table 45. Shanghai Julong Electronic Technology Major Business

Table 46. Shanghai Julong Electronic Technology Low-Resistance Conductive Carbon Paste Product and Services

Table 47. Shanghai Julong Electronic Technology Low-Resistance Conductive Carbon Paste Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 48. Shanghai Julong Electronic Technology Recent Developments/Updates

Table 49. Dongguan City Betterly New Materials Basic Information, Manufacturing Base and Competitors

Table 50. Dongguan City Betterly New Materials Major Business

Table 51. Dongguan City Betterly New Materials Low-Resistance Conductive Carbon Paste Product and Services

Table 52. Dongguan City Betterly New Materials Low-Resistance Conductive Carbon Paste Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 53. Dongguan City Betterly New Materials Recent Developments/Updates

Table 54. Gigastorage Corporation Basic Information, Manufacturing Base and Competitors

Table 55. Gigastorage Corporation Major Business

Table 56. Gigastorage Corporation Low-Resistance Conductive Carbon Paste Product and Services

Table 57. Gigastorage Corporation Low-Resistance Conductive Carbon Paste Sales Quantity (Tons), Average Price (US\$/kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 58. Gigastorage Corporation Recent Developments/Updates

Table 59. Global Low-Resistance Conductive Carbon Paste Sales Quantity by Manufacturer (2021-2026) & (Tons)

Table 60. Global Low-Resistance Conductive Carbon Paste Revenue by Manufacturer (2021-2026) & (USD Million)

Table 61. Global Low-Resistance Conductive Carbon Paste Average Price by Manufacturer (2021-2026) & (US\$/kg)

Table 62. Market Position of Manufacturers in Low-Resistance Conductive Carbon Paste, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 63. Head Office and Low-Resistance Conductive Carbon Paste Production Site of Key Manufacturer

Table 64. Low-Resistance Conductive Carbon Paste Market: Company Product Type Footprint

Table 65. Low-Resistance Conductive Carbon Paste Market: Company Product Application Footprint

Table 66. Low-Resistance Conductive Carbon Paste New Market Entrants and Barriers

to Market Entry

Table 67. Low-Resistance Conductive Carbon Paste Mergers, Acquisition, Agreements, and Collaborations

Table 68. Global Low-Resistance Conductive Carbon Paste Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 69. Global Low-Resistance Conductive Carbon Paste Sales Quantity by Region (2021-2026) & (Tons)

Table 70. Global Low-Resistance Conductive Carbon Paste Sales Quantity by Region (2027-2032) & (Tons)

Table 71. Global Low-Resistance Conductive Carbon Paste Consumption Value by Region (2021-2026) & (USD Million)

Table 72. Global Low-Resistance Conductive Carbon Paste Consumption Value by Region (2027-2032) & (USD Million)

Table 73. Global Low-Resistance Conductive Carbon Paste Average Price by Region (2021-2026) & (US\$/kg)

Table 74. Global Low-Resistance Conductive Carbon Paste Average Price by Region (2027-2032) & (US\$/kg)

Table 75. Global Low-Resistance Conductive Carbon Paste Sales Quantity by Type (2021-2026) & (Tons)

Table 76. Global Low-Resistance Conductive Carbon Paste Sales Quantity by Type (2027-2032) & (Tons)

Table 77. Global Low-Resistance Conductive Carbon Paste Consumption Value by Type (2021-2026) & (USD Million)

Table 78. Global Low-Resistance Conductive Carbon Paste Consumption Value by Type (2027-2032) & (USD Million)

Table 79. Global Low-Resistance Conductive Carbon Paste Average Price by Type (2021-2026) & (US\$/kg)

Table 80. Global Low-Resistance Conductive Carbon Paste Average Price by Type (2027-2032) & (US\$/kg)

Table 81. Global Low-Resistance Conductive Carbon Paste Sales Quantity by Application (2021-2026) & (Tons)

Table 82. Global Low-Resistance Conductive Carbon Paste Sales Quantity by Application (2027-2032) & (Tons)

Table 83. Global Low-Resistance Conductive Carbon Paste Consumption Value by Application (2021-2026) & (USD Million)

Table 84. Global Low-Resistance Conductive Carbon Paste Consumption Value by Application (2027-2032) & (USD Million)

Table 85. Global Low-Resistance Conductive Carbon Paste Average Price by Application (2021-2026) & (US\$/kg)

Table 86. Global Low-Resistance Conductive Carbon Paste Average Price by Application (2027-2032) & (US\$/kg)

Table 87. North America Low-Resistance Conductive Carbon Paste Sales Quantity by Type (2021-2026) & (Tons)

Table 88. North America Low-Resistance Conductive Carbon Paste Sales Quantity by Type (2027-2032) & (Tons)

Table 89. North America Low-Resistance Conductive Carbon Paste Sales Quantity by Application (2021-2026) & (Tons)

Table 90. North America Low-Resistance Conductive Carbon Paste Sales Quantity by Application (2027-2032) & (Tons)

Table 91. North America Low-Resistance Conductive Carbon Paste Sales Quantity by Country (2021-2026) & (Tons)

Table 92. North America Low-Resistance Conductive Carbon Paste Sales Quantity by Country (2027-2032) & (Tons)

Table 93. North America Low-Resistance Conductive Carbon Paste Consumption Value by Country (2021-2026) & (USD Million)

Table 94. North America Low-Resistance Conductive Carbon Paste Consumption Value by Country (2027-2032) & (USD Million)

Table 95. Europe Low-Resistance Conductive Carbon Paste Sales Quantity by Type (2021-2026) & (Tons)

Table 96. Europe Low-Resistance Conductive Carbon Paste Sales Quantity by Type (2027-2032) & (Tons)

Table 97. Europe Low-Resistance Conductive Carbon Paste Sales Quantity by Application (2021-2026) & (Tons)

Table 98. Europe Low-Resistance Conductive Carbon Paste Sales Quantity by Application (2027-2032) & (Tons)

Table 99. Europe Low-Resistance Conductive Carbon Paste Sales Quantity by Country (2021-2026) & (Tons)

Table 100. Europe Low-Resistance Conductive Carbon Paste Sales Quantity by Country (2027-2032) & (Tons)

Table 101. Europe Low-Resistance Conductive Carbon Paste Consumption Value by Country (2021-2026) & (USD Million)

Table 102. Europe Low-Resistance Conductive Carbon Paste Consumption Value by Country (2027-2032) & (USD Million)

Table 103. Asia-Pacific Low-Resistance Conductive Carbon Paste Sales Quantity by Type (2021-2026) & (Tons)

Table 104. Asia-Pacific Low-Resistance Conductive Carbon Paste Sales Quantity by Type (2027-2032) & (Tons)

Table 105. Asia-Pacific Low-Resistance Conductive Carbon Paste Sales Quantity by

Application (2021-2026) & (Tons)

Table 106. Asia-Pacific Low-Resistance Conductive Carbon Paste Sales Quantity by Application (2027-2032) & (Tons)

Table 107. Asia-Pacific Low-Resistance Conductive Carbon Paste Sales Quantity by Region (2021-2026) & (Tons)

Table 108. Asia-Pacific Low-Resistance Conductive Carbon Paste Sales Quantity by Region (2027-2032) & (Tons)

Table 109. Asia-Pacific Low-Resistance Conductive Carbon Paste Consumption Value by Region (2021-2026) & (USD Million)

Table 110. Asia-Pacific Low-Resistance Conductive Carbon Paste Consumption Value by Region (2027-2032) & (USD Million)

Table 111. South America Low-Resistance Conductive Carbon Paste Sales Quantity by Type (2021-2026) & (Tons)

Table 112. South America Low-Resistance Conductive Carbon Paste Sales Quantity by Type (2027-2032) & (Tons)

Table 113. South America Low-Resistance Conductive Carbon Paste Sales Quantity by Application (2021-2026) & (Tons)

Table 114. South America Low-Resistance Conductive Carbon Paste Sales Quantity by Application (2027-2032) & (Tons)

Table 115. South America Low-Resistance Conductive Carbon Paste Sales Quantity by Country (2021-2026) & (Tons)

Table 116. South America Low-Resistance Conductive Carbon Paste Sales Quantity by Country (2027-2032) & (Tons)

Table 117. South America Low-Resistance Conductive Carbon Paste Consumption Value by Country (2021-2026) & (USD Million)

Table 118. South America Low-Resistance Conductive Carbon Paste Consumption Value by Country (2027-2032) & (USD Million)

Table 119. Middle East & Africa Low-Resistance Conductive Carbon Paste Sales Quantity by Type (2021-2026) & (Tons)

Table 120. Middle East & Africa Low-Resistance Conductive Carbon Paste Sales Quantity by Type (2027-2032) & (Tons)

Table 121. Middle East & Africa Low-Resistance Conductive Carbon Paste Sales Quantity by Application (2021-2026) & (Tons)

Table 122. Middle East & Africa Low-Resistance Conductive Carbon Paste Sales Quantity by Application (2027-2032) & (Tons)

Table 123. Middle East & Africa Low-Resistance Conductive Carbon Paste Sales Quantity by Country (2021-2026) & (Tons)

Table 124. Middle East & Africa Low-Resistance Conductive Carbon Paste Sales Quantity by Country (2027-2032) & (Tons)

Table 125. Middle East & Africa Low-Resistance Conductive Carbon Paste Consumption Value by Country (2021-2026) & (USD Million)

Table 126. Middle East & Africa Low-Resistance Conductive Carbon Paste Consumption Value by Country (2027-2032) & (USD Million)

Table 127. Low-Resistance Conductive Carbon Paste Raw Material

Table 128. Key Manufacturers of Low-Resistance Conductive Carbon Paste Raw Materials

Table 129. Low-Resistance Conductive Carbon Paste Typical Distributors

Table 130. Low-Resistance Conductive Carbon Paste Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Low-Resistance Conductive Carbon Paste Picture

Figure 2. Global Low-Resistance Conductive Carbon Paste Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Low-Resistance Conductive Carbon Paste Revenue Market Share by Type in 2025

Figure 4. Conductive Carbon Black-Dominant Type Examples

Figure 5. Graphite-Dominant Type Examples

Figure 6. Graphene-Dominant Type Examples

Figure 7. Carbon Nanotube-Dominant Type Examples

Figure 8. Global Low-Resistance Conductive Carbon Paste Revenue by Sheet Resistance Grade, (USD Million), 2021 & 2025 & 2032

Figure 9. Global Low-Resistance Conductive Carbon Paste Revenue Market Share by Sheet Resistance Grade in 2025

Figure 10. Ultra-Low Resistance Type (

I would like to order

Product name: Global Low-Resistance Conductive Carbon Paste Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GC8C1CF13AE1EN.html>

Price: US\$ 3,480.00 (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/GC8C1CF13AE1EN.html>