

Conductive Inks Market by Type (Silver, Copper, Carbon/Graphene, Carbon Nanotube, Conductive Polymer), Application (Photovoltaics, RFID, PCB, Membrane Switches, Displays, Thermal Heating), Region - Global Forecast to 2025

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Abstracts

“The conductive inks market is projected to register a CAGR of 4.1 % between 2020 and 2025.”

The conductive inks market size is projected to grow from USD 3.0 billion in 2020 to USD 3.7 billion by 2025, at a CAGR of 4.1% between 2020 and 2025. Increasing demand from emerging economies and the growing consumption of conductive inks from the electronic industry are creating growth opportunities for the market players. However, the increasing requirement for high-end technologies acts as a restraint to the growth of the market.

“Conductive polymer inks segment is estimated to account for the fastest-growing market share during the forecast period.”

The conductive polymer inks segment is projected to be the fastest-growing type, in terms of value, during the forecast period. The electrical properties of the polymers can be customized according to the application through organic synthesis. These materials successfully combine the electrical properties of metals, such as low cost, resistance to corrosion, and lightweight, with the advantages of polymers. The unique properties of conductive polymers help in providing better alternatives for cost-sensitive materials.

“Photovoltaics is estimated to be the largest application of conductive inks.”

Photovoltaics was the largest application of the market in 2018 due to the high demand for conductive inks in the PV application for screen printing technology. Rising energy costs, coupled with climate change, are increasing the dependency on renewable energy sources such as the PV photovoltaics technology, which captures the solar energy and transforms it into electricity through the PV effect.

“The APAC conductive inks market is the largest and fastest-growing markets.”

APAC is estimated to be the largest and fastest-growing conductive inks market. The growth in the APAC region can be attributed to the growing demand for conductive inks from various applications such as photovoltaics, RFID, displays, membrane switches, PCB, automotive, and others. The presence of a robust industrial base, favorable government policies, and low labor cost are strengthening the conductive inks market in APAC.

Breakdown of the Profiles of Primary Interviewees:

By Company Type – Tier 1 - 42%, Tier 2 - 33%, and Tier 3 - 25%

By Designation – C Level - 31%, Director Level - 31%, and Others - 38%

By Region – Europe - 31%, APAC - 61%, North America - 8%

Some of the key companies profiled in this report are DowDuPont (US), Henkel AG & Co. KGaA (Germany), Heraeus Holding GmbH (Germany), Johnson Matthey (UK), Poly-Ink (France), Sun Chemical Corporation (US), NovaCentrix (US), Creative Materials Inc. (US), Applied Ink Solutions (US), and Vorbeck Materials (US), among others.

Research Coverage:

The report covers the conductive inks market and its use in different applications across various regions. It estimates the size of the conductive inks market for 2018 and forecasts the growth potential of the market across different segments. The report also includes an in-depth competitive analysis of the key market players, along with their profiles and key growth strategies adopted by them.

Key Benefits of Buying the Report

This research report focuses on various levels of analysis, which include industry analysis (industry trends) and company profiles. These insights present views on the competitive landscape, emerging and high-growth segments of the conductive inks market, high-growth regions, and drivers, restraints, opportunities, and challenges in the conductive inks market.

The report provides insights on the following pointers:

Market Penetration: Comprehensive information on conductive inks offered by the top players operating in the market

Product Development/Innovation: Detailed insights on upcoming technologies, R&D activities, and new product launches in the conductive inks market

Market Development: Comprehensive information about lucrative and emerging markets; analyzes markets for conductive inks in different regions

Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the conductive inks market

Competitive Assessment: In-depth assessment of strategies and products of the leading players in the conductive inks market

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TABLE 300 ISRAEL: CONDUCTIVE INKS MARKET SIZE, BY TYPE, 2020–2025

(TONS)

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TABLE 323 REST OF MEA: CONDUCTIVE INKS MARKET SIZE, BY TYPE, 2016–2019 (TONS)

TABLE 324 REST MEA: CONDUCTIVE INKS MARKET SIZE, BY TYPE, 2020–2025 (TONS)

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8.6.2 BRAZIL

8.6.2.1 Economic recovery and demand for low-cost conductive fillers are expected to drive the market

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8.6.3.1 The abundance of copper in the country is helping the conductive inks market

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TABLE 352 CHILE: CONDUCTIVE INKS MARKET SIZE, BY TYPE, 2020–2025

(TONS)

TABLE 353 CHILE: CONDUCTIVE INKS MARKET SIZE, BY APPLICATION, 2016–2019 (USD MILLION)

TABLE 354 CHILE: CONDUCTIVE INKS MARKET SIZE, BY APPLICATION, 2020–2025 (USD MILLION)

TABLE 355 CHILE: CONDUCTIVE INKS MARKET SIZE, BY APPLICATION, 2016–2019 (TONS)

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FIGURE 23 DUPONT: COMPANY SNAPSHOT

FIGURE 24 DUPONT: SWOT ANALYSIS

10.2 HENKEL AG & CO. KGAA

FIGURE 25 HENKEL AG & CO KGAA: COMPANY SNAPSHOT

FIGURE 26 HENKEL: SWOT ANALYSIS

10.3 HERAEUS HOLDING GMBH

FIGURE 27 HERAEUS HOLDING GMBH: COMPANY SNAPSHOT

FIGURE 28 HERAEUS HOLDING GMBH: SWOT ANALYSIS

10.4 JOHNSON MATTHEY

FIGURE 29 JOHNSON MATTHEY: COMPANY SNAPSHOT

FIGURE 30 JOHNSON MATTHEY: SWOT ANALYSIS

10.5 SUN CHEMICAL CORPORATION

FIGURE 31 SUN CHEMICAL CORPORATION: SWOT ANALYSIS

10.6 POLY-INK

10.7 NOVACENTRIX

10.8 CREATIVE MATERIALS INC.

10.9 KAYAKU ADVANCED MATERIALS, INC.

10.10 VORBECK MATERIALS

10.11 ADDITIONAL COMPANY PROFILES

10.11.1 ADVANCED NANO PRODUCTS CO. LTD.

10.11.2 AGFA-GEVAERT N.V.

10.11.3 ELEPHANTECH INC.

10.11.4 APPLIED NANOTECH

10.11.5 BANDO CHEMICAL INDUSTRIES, LTD.

10.11.6 CARTESIAN CO.

10.11.7 CIMA NANOTECH INC.

10.11.8 COLLOIDAL INK CO., LTD.

10.11.9 DAICEL CORPORATION (TOKYO, JAPAN)

10.11.10 INKTEC CORPORATION

10.11.11 METHODE ELECTRONICS, INC.

10.11.12 PARKER CHOMERICS

*Details on Overview, Products Offered, Recent Developments, SWOT Analysis, Winning imperatives, Current Focus and Strategies, Threat from Competition, might not be captured in case of unlisted companies.

11 APPENDIX

11.1 DISCUSSION GUIDE

11.2 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

11.3 AVAILABLE CUSTOMIZATIONS

11.4 RELATED REPORTS

11.5 AUTHOR DETAILS

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