+357 96 030922
info@marketpublishers.com

Global White Solder Mask Ink for LED Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/GFADAFF6B451EN.html
Date: August 2026
Pages: 112
Price: US$ 4,480.00 (Single User License)
ID: GFADAFF6B451EN

Abstracts

The global White Solder Mask Ink for LED market size is expected to reach $ 278 million by 2032, rising at a market growth of 5.3% CAGR during the forecast period (2026-2032).

In 2025, global sales volume of White Solder Mask Ink for LED was approximately 12,550 tons, with a mainstream ex-factory average price of around USD 15/kg. The gross margin of major manufacturers in the industry was approximately 30%?45%.

White Solder Mask Ink for LED is a white functional solder mask ink used on the surface of LED circuit boards, and is also commonly referred to in the industry as ?LED white ink.? Its main function is to form a white insulating protective layer on the PCB surface, preventing solder bridging and circuit oxidation during soldering, while improving LED light output efficiency through its high white reflectance. Compared with conventional green solder mask ink, White Solder Mask Ink for LED places greater emphasis on whiteness, reflectance, heat resistance, yellowing resistance, adhesion, and long-term light stability. It is commonly used in LED lighting, LED backlight, and other LED module circuit boards.

The upstream raw materials for White Solder Mask Ink for LED mainly include photosensitive resin, epoxy resin, acrylic resin, titanium dioxide, photoinitiator, curing agent, filler, solvent, and additive. Titanium dioxide determines whiteness and reflectance, while the resin system affects adhesion, heat resistance, and developability. The midstream segment involves ink formulation development, dispersion and grinding, mixing and compounding, filtration, packaging, and quality inspection. Manufacturers need to adjust formulations according to different substrates, such as aluminum substrate, rigid PCB, and flexible PCB. Downstream customers

+357 96 030922
info@marketpublishers.com

mainly include LED circuit board manufacturers and LED packaging and module manufacturers, with terminal applications mainly covering LED lighting, LED backlight, and other LED application.

This report studies the global White Solder Mask Ink for LED production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for White Solder Mask Ink for LED 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 White Solder Mask Ink for LED that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global White Solder Mask Ink for LED total production and demand, 2021-2032, (Tons)
Global White Solder Mask Ink for LED total production value, 2021-2032, (USD Million)
Global White Solder Mask Ink for LED production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)
Global White Solder Mask Ink for LED consumption by region & country, CAGR, 2021-2032 & (Tons)
U.S. VS China: White Solder Mask Ink for LED domestic production, consumption, key domestic manufacturers and share
Global White Solder Mask Ink for LED production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)
Global White Solder Mask Ink for LED production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)
Global White Solder Mask Ink for LED production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global White Solder Mask Ink for LED 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 TAIYO INK, TAMURA, Electra Polymers, Sun Chemical, Lackwerke Peters, Shenzhen RongDa Photosensitive Science & Technology, Jiangsu Kuangshun Photosensitivity New-material, etc.

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

+357 96 030922
info@marketpublishers.com

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World White Solder Mask Ink for LED market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (Tons) 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 White Solder Mask Ink for LED Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global White Solder Mask Ink for LED Market, Segmentation by Type:

Photoimageable Developable Type

Thermal Curing Type

UV Curing Type

+357 96 030922
info@marketpublishers.com

Global White Solder Mask Ink for LED Market, Segmentation by Substrate:

Aluminum Substrate

Rigid PCB

Flexible PCB

Global White Solder Mask Ink for LED Market, Segmentation by Application:

LED Lighting

LED Backlight

Other

Companies Profiled:

TAIYO INK

TAMURA

Electra Polymers

Sun Chemical

Lackwerke Peters

Shenzhen RongDa Photosensitive Science & Technology

Jiangsu Kuangshun Photosensitivity New-material

Key Questions Answered:
1. How big is the global White Solder Mask Ink for LED market?
2. What is the demand of the global White Solder Mask Ink for LED market?
3. What is the year over year growth of the global White Solder Mask Ink for LED

+357 96 030922
info@marketpublishers.com

market?
4. What is the production and production value of the global White Solder Mask Ink for LED market?
5. Who are the key producers in the global White Solder Mask Ink for LED market?
6. What are the growth factors driving the market demand?

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

5 MARKET ANALYSIS BY TYPE

6 MARKET ANALYSIS BY SUBSTRATE

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global White Solder Mask Ink for LED Supply, Demand and Key Producers, 2026-2032

Product link: https://marketpublishers.com/r/GFADAFF6B451EN.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/GFADAFF6B451EN.html