

Global Metal Etchant for Display Panels Market Growth 2026-2032

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Abstracts

The global Metal Etchant for Display Panels market size is predicted to grow from US\$ 301 million in 2025 to US\$ 458 million in 2032; it is expected to grow at a CAGR of 6.5% from 2026 to 2032.

Metal etchants for display panels refer to electronic chemicals utilized in the array fabrication processes of display panels?such as TFT-LCDs and OLEDs?to selectively wet-etch conductive thin films or metal stacks composed of materials like copper, aluminum, molybdenum, silver, and ITO. Their function is to remove unprotected conductive layers?while leaving the photolithographically patterned areas intact?thereby forming structures such as gate electrodes, source/drain electrodes, data lines, pixel electrodes, or metal auxiliary electrodes.

The upstream supply chain primarily consists of basic raw materials, including hydrogen peroxide, phosphoric acid, nitric acid, acetic acid, oxalic acid, hydrochloric acid, sulfuric acid, ammonia-based compounds, corrosion inhibitors, complexing agents, stabilizers, surfactants, pH regulators, and ultra-pure water; different metal film systems require specific corresponding chemical formulations. Downstream, these etchants are primarily consumed within the wet processing stages of the array sections of display panel manufacturing plants; demand is closely correlated with display panel production capacity, the market penetration rate of copper interconnects, and the industry trends toward higher resolution and larger panel sizes.

In 2025, the global sales volume is projected to reach approximately 158,000 tons, with an average market price of approximately \$1,950 per ton; leading manufacturers in the industry are expected to maintain gross margins ranging from 28% to 40%.

United States market for Metal Etchant for Display Panels is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Metal Etchant for Display Panels is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Metal Etchant for Display Panels is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Metal Etchant for Display Panels players cover BASF, Soulbrain, ENF Technology, Dongjin Semichem, Sumitomo Chemical, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the ?Metal Etchant for Display Panels Industry Forecast? looks at past sales and reviews total world Metal Etchant for Display Panels sales in 2025, providing a comprehensive analysis by region and market sector of projected Metal Etchant for Display Panels sales for 2026 through 2032. With Metal Etchant for Display Panels sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Metal Etchant for Display Panels industry.

This Insight Report provides a comprehensive analysis of the global Metal Etchant for Display Panels landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Metal Etchant for Display Panels portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Metal Etchant for Display Panels market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Metal Etchant for Display Panels and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Metal Etchant for Display Panels.

This report presents a comprehensive overview, market shares, and growth

opportunities of Metal Etchant for Display Panels market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Copper Etchant

Molybdenum Etchant

Aluminum Etchant

ITO Etchant

Others

Segmentation by Chemical System:

Hydrogen Peroxide-based

Mixed Acid-based

Oxalic Acid-based

Others

Segmentation by Application:

LCD Panels

OLED Panels

Micro LED Panels

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

BASF

Soulbrain

ENF Technology

Dongjin Semichem

Sumitomo Chemical

KANTO-PPC

Mitsubishi Chemical

Hayashi Pure Chemical

Nagase

Jiangyin Jianghua Microelectronics Materials

Suzhou Boyang Chemical

Key Questions Addressed in this Report

What is the 10-year outlook for the global Metal Etchant for Display Panels market?

What factors are driving Metal Etchant for Display Panels market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Metal Etchant for Display Panels market opportunities vary by end market size?

How does Metal Etchant for Display Panels break out by Type, by Application?

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