

OLED Materials Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global OLED materials market size reached US\$ 20.4 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 73.3 Billion by 2028, exhibiting a growth rate (CAGR) of 22.2% during 2023-2028.

An organic light-emitting diode (OLED) is a technology wherein light is generated by organic molecules. It is used to manufacture display panels in devices, such as television screens, computer monitors, smartphones, handheld game consoles, and personal digital assistants (PDAs), by placing a series of organic thin films between two conductors. It offers enhanced image quality, bright colors, fast motion, and very high contrast to displays. It also provides thinner, flexible, and lighter displays due to the elimination of backlights and their simple construction. Apart from this, it offers several advantages, such as superior viewing angle, fast response time, and small size form factors.

OLED Materials Market Trends:

Due to the increasing utilization of wireless devices to maintain connectivity in remote areas without the need for long cable wires, there is a rise in the demand for OLED materials across the globe. This, along with the growing demand for fixed wireless devices as they have high bandwidth capability, represents one of the key factors driving the market. Moreover, the increasing employment of OLED materials in the automotive sector due to a rise in the SUV sales and advancements in lighting technology is propelling the growth of the market. In addition, there is an increase in the

production and sales of passenger vehicles around the world. This, coupled with the burgeoning automotive sector, is positively influencing the market. Besides this, key market players are extensively investing in research and development (R&D) activities to introduce white OLED devices for solid-state lighting applications, which is catalyzing the demand for OLED materials. Apart from this, the rising awareness among the masses about the benefits of OLED displays over (LCDs) is offering lucrative growth opportunities to industry investors. Additionally, the escalating demand for consumer electronics, such as laptops, smartphones, computers, and printers, is bolstering the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global OLED materials market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, application and end use.

Breakup by Type:

Substrates

Encapsulation

Anode

Hole Injection Layer (HIL)

Hole Transport Layer (HTL)

Electron Transport Layer (ETL)

Emissive Layer (EML)

Cathode

Breakup by Application:

Display

Television and Monitors

Smartphones

Notebooks and Tablets

Automotive

Others

Lighting

Breakup by End Use:

Residential Products

Commercial Products

Industrial Products

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being DuPont de Nemours Inc., Heraeus Holding GmbH, Hodogaya Chemical Co. Ltd., Idemitsu Kosan Co. Ltd., LG Chem Ltd., Merck KGaA, Samsung SDI Co. Ltd., Sumitomo Chemical Co. Ltd., Tokyo Chemical Industry Co. Ltd. and Universal Display Corporation.

Key Questions Answered in This Report

1. How big is the global OLED materials market?
2. What is the expected growth rate of the global OLED materials market during 2023-2028?
3. What are the key factors driving the global OLED materials market?
4. What has been the impact of COVID-19 on the global OLED materials market?
5. What is the breakup of the global OLED materials market based on the type?
6. What is the breakup of the global OLED materials market based on the application?
7. What is the breakup of the global OLED materials market based on the end use?
8. What are the key regions in the global OLED materials market?
9. Who are the key players/companies in the global OLED materials market?

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