

OLED Materials Market Tracker

Jimmy Kim, PhD., Principal Analyst

ACTUALS AND FORECAST

Frequency, Time Period

- Semi-annual update
- 1 year historical
- 5 year forecast

Measures

- Material demand by panel maker
- Each material demand
- Material revenue

PRODUCTS COVERED

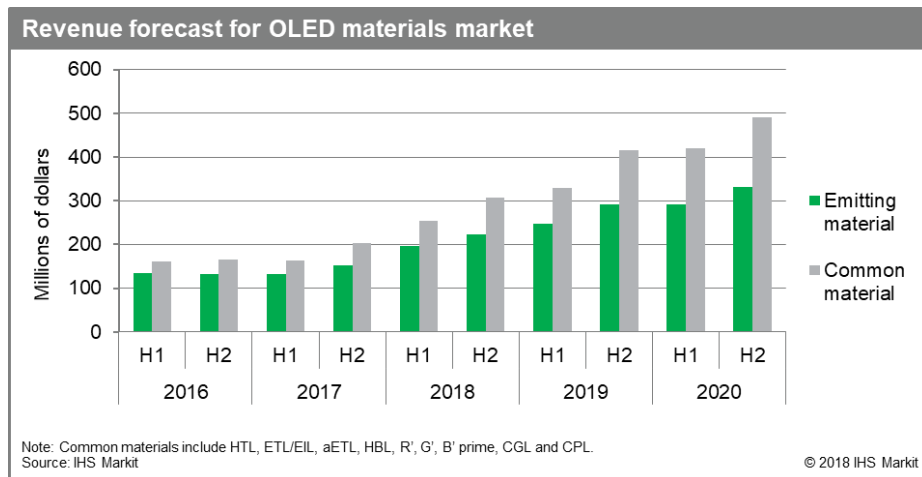
- Small/medium sized AMOLED devices
- Material for large-sized AMOLED devices

TECHNOLOGIES COVERED

- High- Evaporation materials
- RGB separate device
- Stack device

Organic light-emitting materials used in the mass production of active-matrix organic light-emitting diode (AMOLED) panels include red, green, and blue (RGB) light-emitting materials; materials of common layers, including a hole transport layer (HTL), an electron transport layer (ETL), and a capping layer (CPL); and functional materials. This report deals with market analysis and forecast regarding organic light-emitting materials, consumption of the materials by AMOLED panel maker, and the status of organic light-emitting materials suppliers.

The market of organic light-emitting materials used in AMOLED panels is growing in line with the growth of the AMOLED market. The fine metal mask (FMM) RGB-type will use the materials the most in 2015 before full-fledged production of large-sized panels. After 2015, however, consumption of the materials by large-sized white OLED (WOLED) panels should increase each year.



Key Issues Addressed

- AMOLED materials demand and forecast
- Materials supply analysis
- Forecast on materials using newly developed devices
- AMOLED industry and market trend
- Short-term demand by AMOLED panel maker
- Long-term demand by AMOLED industry
- Competition analysis

Applicable To

- Brand manufacturers/OEMs/ODMs for TVs/monitors/mobile PC
 - o Product planning managers for system sales
 - o Procurement managers for display components
- Display panel suppliers
 - o Product marketing/strategic planning managers
- Display component suppliers
- Manufacturers of competitive technologies
- Investment community

LEAD ANALYST

Jimmy Kim, PhD., Principal Analyst

Dr. Jimmy Kim joined IHS in November 2014, when IHS acquired DisplaySearch, a leader in primary research and forecasting on the global display market. At DisplaySearch, he served as a senior analyst in charge of display materials and LED analysis.

Before DisplaySearch, he spent three years on the marketing team at Samsung LED (currently Samsung Electronics), leading the display-related LED market team and creating marketing strategies for the company. Prior to Samsung LED, Dr. Kim spent five years at Samsung Electronics working on the R&D team for the LCD business. There, he led several R&D projects on new light sources for LCD backlights and new BLU structures.

He earned his Doctor of Philosophy from the School of Materials Science and Engineering at Seoul National University, Korea.

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