

The Global Market for Flexible Displays

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Abstracts

Electronics giants Samsung and LG have announced concrete plans to bring smartphones with flexible displays to the market.

Flexible displays are ultra thin display screens that can be printed onto flexible or stretchable materials, and then attached to other surfaces or produced in a variety of shapes. Main flexible display technologies are:

Flexible LCDs.

Flexible OLED

Flexible AMOLED

E-paper: Electrophoretic, Cholesteric LCDs, flexible OLCD

Electrowetting Displays (EWD), Electrochromic Displays.

Interferometric Modulator Technology.

The use of advanced materials and developments in processing techniques is enabling displays with unique form factors that the current rigid glass substrate-based displays cannot support.

Flexible displays can be very thin and lightweight, have unique form factors, exceptional mechanical stability and flexibility unlike rigid and flat glass substrate-based displays. This multi billion dollar market will grow greatly in the next decade at the materials AND components levels in consumer electronics applications.

As a raft of products will come onto the market over the next few years, there is a requirement to analyse the scale and scope of current and planned commercial activity in flexible displays. This 200 page plus report includes:

Market revenues at the materials and components levels.

Market growth to 2025.

Market breakdown by applications (smartphone, tablets, wearables etc.).

Market breakdown by technology (Flexible LCD, OLED, EPD etc.).

Market breakdown by region.

Challenges in flexible displays.

Market trends in flexible displays.

Current and upcoming flexible display products.

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