

EReaders might soon get lighter and more flexible-- LG Display plans to launch a flexible plastic electronic paper display (EPD) in Europe for eReader use this month, a world first according to the company.



The LG design measures 6" diagonally and handles XGA (1024x768) resolutions. Construction is in plastic, meaning the display is only 0.7mm thick and weighs 14g (50% less than traditional glass displays). It is not able to handle colours or animation, but should offer a crisp reading experience.

The company says the EPD display is also "more durable" and is bendable by up to 40 degrees (but cannot be folded or rolled up).

Products carrying the displays should be launching in Europe by April 2012.

The technology can also go towards more future developments (such as plastic OLEDs and flexible displays) as well as find deployment in digital signage applications.

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