

ZEON to Expand Production Capacity for Retardation Film Used in LCD TVs

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ZEON CORPORATION (President: Kimiaki Tanaka) announced that it will expand its optical film plant in Himi City, Toyama Prefecture, Japan, by constructing a fifth production line for retardation films used in LCDs for TVs.

Retardation films are the key component of LCDs that enable wide viewing angle* and contrast optimization, both of which are essential for LCD TV image quality.

Demand for ZEON's ZeonorFilm® retardation films is increasing due to the excellent optical properties they possess: high transparency, low birefringence, low wavelength dispersion and low photoelasticity, outstanding dimensional stability owing to low water absorbency and heat resistance. Larger size TVs as well as advances in high-definition displays, such as 4K (ultra-high definition), have led to increased demand for ZeonorFilm® retardation film and ZEON expects robust growth in film requirement for the LCD TV market to continue.

The new retardation film production line will have a production capacity of 30 million m² per year. Mass production is scheduled to begin in April 2015. ZEON's Himi factory currently has four lines producing retardation films with annual capacity of 65 million m². Capacity at Himi will increase to 95 million m² per year with the addition of the fifth production line.

* The anterior angle of the area in which images on a display appear normal

For further information

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