

Zeon to Further Expand Production Capacity of Retardation Film for LCD TVs

September 11, 2015

Zeon Corporation (President: Kimiaki Tanaka) has decided to further boost the production capacity of ZeonorFilm™, Zeon's retardation film for LCD TVs at its optical film plant in Himi City, Toyama Pref., Japan. The facility will build a sixth production line, which follows the completion of the fifth line that began mass production in February of this year. Once the sixth line becomes operational in January 2017, the plant's total retardation film production capacity will increase by 24 million m² to a total of 119 million m² per year.

Retardation film is the key component of LCDs that enables a wide viewing angle* and contrast optimization, both of which are essential for LCD TV image quality. Demand for Zeon's ZeonorFilm™ is increasing due to the excellent optical properties it possess: high transparency, low birefringence, low wavelength dispersion, low photoelasticity, and outstanding dimensional stability owing to low water absorbency and heat resistance.

In recent years, the trend for increasingly larger size TVs and advances in high definition technology such as 4K TVs have continued to boost demand for Zeon's ZeonorFilm™, which offer excellent optical properties and exceptional dimensional stability. Because the LCD TV market forecasts to remain on a steady growth path, Zeon will continue to meet the markets' demand by this time of capacity expansion.

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

 **For further information**

Zeon Corporation,
Department of Corporate Communications

[▶ Contact form](#)

Tel: +81-3-3216-2747

© ZEON CORPORATION. All rights reserved.