

Evonik's Debut at LED Lighting Taiwan

- Evonik provides SAVOSIL™ silica glass lenses for more environmentally friendly lighting
- And innovative solutions within emerging and technology driven industries such as electronics, solar and glass.
- LED Lighting Taiwan 2010 (June 9–11) , Evonik Booth No: C216/218

Evonik Industries is exhibiting its high quality SAVOSIL™ silica glass lens at the LED Lighting Taiwan 2010, the 6th International LED Lighting Exposition held in Taipei World Trade Center. It is the first time that Evonik participates in this tradeshow.

The SAVOSIL™ lenses from Evonik can be used in a wide variety of applications, including high power LED packages, LED street lights, LED outdoor lightings, UV LEDs, LED backlight unit for flat screens (LCD–TV), optical components, and mobile phone parts (keypads, flash lenses), etc.. Furthermore, these lenses can also be used in energy saving LEDs and concentrator photovoltaics (CPV) in the solar industry.

Addressing the global megatrends, Evonik offers the world commercially viable innovative ideas on how to utilize resources more efficiently. The LED evolution is here, with market growth rates expected to exceed 20 percent. This growth in demand for LED is driven by the Green Lighting trend—in other words, lighting marketed as environmentally friendly which meets Evonik's growth strategy.

Compared to conventional light sources, such as incandescent lamps and energy-saving lights, LEDs are much more energy efficient. They last longer and offer many new design possibilities. Because of these advantages, LEDs are increasingly used in many different lighting applications.

"The LED market will see many new areas of application open up. We are committed to help our customers develop new technologies faster, technologies such as UV LEDs to sterilize water, LEDs in automobiles, and LEDs for general lighting," Said Junglin Tsai, Asia Pacific Manager of

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Marketing & Applied Technology, Evonik Cristal Materials Corporation.
“Therefore, we want to be our customers’ strategic partner and a solution provider, rather than only providing the products. In this way, we can participate in their product developments by offering full-range technical services.”

The SAVOSIL™ lenses are produced using Evonik’s patented SiVARA™ Sol-Gel Technology which is environmental friendly and allows glass lenses of consistent quality to be manufactured in any desired shape. The process recently received the Frost and Sullivan European Technology Innovation Award. In addition, the SAVOSIL™ lenses produced with this special process meet all the requirements of the high-value LED market: temperature stability, UV-resistance, 3D arrangement in complex geometries, customization to customer specs, etc.

Established in 2009, the Evonik Cristal Material Corporation is a joint venture manufacturing high-quality glass lenses for next-generation LEDs, which is marketed under the SAVOSIL™ brand.

About Evonik

Evonik Industries is the creative industrial group from Germany which operates in three business areas: Chemicals, Energy and Real Estate. Evonik is a global leader in specialty chemicals, an expert in power generation from hard coal and renewable energies, and one of the largest private residential real estate companies in Germany. Our strengths are creativity, specialization, continuous self-renewal, and reliability. Evonik is active in over 100 countries around the world. In its fiscal year 2009 about 39,000 employees generated sales of about €13.1 billion and an operating profit (EBITDA) of about €2 billion.

Evonik Industries has been producing specialty chemical products in China since the early 1990’s; with wide-ranging trading relations already in place prior to this. The Group now has a total of 20 companies and 16 production sites in the Greater China region. Evonik regards China as one of the driving forces of the global economy, and we consequently intend to increase our business in Greater China to around €2 billion in the medium term.

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