

Evonik Cyro To Launch ACRYLITE® LED At 2012 LightFair International Convention Product's New Properties Offer Customers New Application, Design Options

PARSIPPANY, N.J., May 9, 2012 – Evonik Cyro LLC announced today the launch of ACRYLITE® LED, molding and extrusion compounds designed specifically for LED lighting applications, at the [LightFair International Conference](#) May 9–11, 2012, in Las Vegas, Nev.

[ACRYLITE®](#) LED compounds are used for lighting applications and designs in combination with LED lights. By offering ACRYLITE® LED in both molding compounds and sheet products, customers are given more options to create unique designs and different LED applications.

“We are very excited to bring this new generation of light diffusing grades to the market for our customers,” said Chris Walby, business development manager of Acrylic Polymers at Evonik. “The efficient light–scattering properties offer superior homogenous illumination of light guiding shapes and the crystal–clear material is completely transparent when unlit. The benefits of such transparency and diffusion open a new degree of freedom to designers. These innovative products show our determination to enhance Evonik Cyro’s product portfolio to meet customer demands.”

The ACRYLITE® LED series represents a cost–efficient injection molding and specialty extrusion compound. Each of the four grades carries light from the LED source in edge–lit applications in an even manner over a specific distance. No additional diffusion films or microstructures are required on the component surface to achieve uniform light output over the entire surface. ACRYLITE® LED is offered in four grades – LD12, LD24, LD48, and LD96. Each grade designation indicates the light range capability up to 12cm, 24cm, 48cm and 96 cm.

ACRYLITE® LED is also available in two translucent white colors developed specifically for backlit applications. The two materials provide uniform light distribution, high transmission and elimination of disturbing hotspots. These properties reduce the spacing required between the cover and the LED light source optimizing the component’s wall thickness.

The new material can be used in a variety of applications such as decorative lighting, automotive interior accent lighting, signage, luminous ceilings and walls, displays and creative lighting profiles.

For additional information about Evonik in North America, please visit our website:
www.evonik.com/north-america.

Company information

Evonik, the creative industrial group from Germany, is one of the world leaders in specialty chemicals. Its activities focus on the key megatrends health, nutrition, resource efficiency and globalization. Profitable growth and a sustained increase in the value of the company form the heart of Evonik's corporate strategy. Evonik benefits specifically from its innovative prowess and integrated technology platforms.

Evonik is active in over 100 countries around the world. In fiscal 2011 more than 33,000 employees generated sales of around €14.5 billion and an operating profit (EBITDA) of about €2.8 billion.

Disclaimer

In so far as forecasts or expectations are expressed in this press release or where our statements concern the future, these forecasts, expectations or statements may involve known or unknown risks and uncertainties. Actual results or developments may vary, depending on changes in the operating environment. Neither Evonik Industries AG nor its group companies assume an obligation to update the forecasts, expectations or statements contained in this release.

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