

News Release



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Ticona to Showcase 'Engineering Polymers for Green Electronics' at SEMICON West 2012

Florence, Ky., Sulzbach, Germany, Shanghai, PR China, June 29, 2012 –[Ticona](#) is showcasing "Engineering Polymers for Green Electronics" at [SEMICON West 2012](#), [North Hall Booth # 6561](#), from July 10 to 12 in the Moscone Center, San Francisco.

The exhibit will highlight how the portfolio of "[Engineering Polymers for Green Electronics](#)" is helping:

- [Micro-electromechanical Systems](#) (MEMS) and [Printed/Flexible Electronics](#) industries to employ cost efficient, on large scales, inherently green processes and materials that can meet the required higher operating frequencies and reduced power consumption for increasingly thinner devices.
- [LEDs/Solid State Lighting](#) industry to make optimum use of these high-performance polymers and bring down the cost of production and improve HB-LED technology performance.

The Ticona portfolio of high performance of engineering thermoplastics consists of:

- [Vectra](#)[®] / [Zenite](#)[®] LCP
Proven performance, halogen-free flame resistance without additives (UL 94 V-0), short-term temperature resistance up to 340°C for lead-free soldering, wide range of dielectric properties for high-speed connectors, and high flow characteristics to fill thin, complex flow paths

- [Fortron](#)[®] PPS
Inherently flame resistant without additives, short-term temperature resistance up to 270°C
- [Thermx](#)[®] PCT
For energy efficient LED lighting, high whiteness and color stability, short-term temperature resistance up to 255°C for lead-free soldering, low moisture absorption
- [Celanex](#)[®] XFR[®] / [Riteflex](#)[®] XFR[®] TPC-ET
"Drop-In" replacement for brominated FR polyesters, broadest non-halogenated FR polyester portfolio, UL 94 V-0 @ 0.4 mm

Ticona encourages you to visit www.ticona.com/halogenfree. Or, click through the links below to read how Ticona continues to develop new materials that help in the design and low-cost production of electronic components with the added benefits of environmental compliance.

- [Ticona Introduces New High Flow Vectra[®] LCPs for E/E Applications Demanding Thin Walls, Low Warpage](#) — May 12, 2012
- [2E mechatronic Uses Ticona Vectra[®] E840i LDS to Develop 3-D Chip Carrier Produced Via Laser Direct Structuring](#) — Jan. 12, 2012
- [Vectra LCP E488i And E471i Grades From Ticona Receive UL 94 V-O Classification For All Colors At 0-2.15 mm](#) — Jan. 25, 2011

About Ticona and Celanese

Ticona, the engineering polymers business of Celanese Corporation, produces and markets a broad range of high performance products, and posted net sales of \$1,298 million in fiscal 2011. Ticona employs more than 1,500 individuals at production, compounding and research facilities in the USA, Germany, Brazil and China. For more information, please visit www.ticona.com or www.ticona.cn (Chinese language).

Celanese Corporation is a global technology leader in the production of specialty materials and chemical products which are used in most major industries and consumer applications. Our products, essential to everyday living, are manufactured in North America, Europe and Asia. Known for operational excellence, sustainability and premier safety performance, Celanese delivers value to customers around the globe with best-in-class technologies. Based in Dallas, Texas, the company employs approximately 7,600 employees worldwide and had 2011 net sales of \$6.8 billion, with approximately 73% generated outside of North America. For more information about Celanese Corporation and its global product offerings, visit www.celanese.com or the company's blog at www.celaneseblog.com.

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