

Ticona Engineering Polymers News Release



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Ticona Fiber Reinforced Material Innovations on Display at ITB Automotive Mass Reduction Strategies 2012

Florence, Ky., Sulzbach, Germany, Shanghai, PR China, May 14, 2012 – [Ticona](#), a leading supplier of engineering polymers, is showcasing fiber reinforced material innovations to reduce weight and save costs during the ITB Group [Automotive Mass Reduction Strategies 2012](#) conference on Friday, May 18, at the *Sheraton Detroit Novi Hotel in Michigan*.

Ticona will highlight:

- [Celstran® long fiber reinforced thermoplastics](#) (LFRT) for weight reduction and parts/component integration applications
- [Celstran® continuous fiber reinforced thermoplastics](#) (CFR-TP) tapes, rods and profiles for highly stressed automotive components

In addition, Ticona will co-present a [technical paper](#) at 1:40 p.m.:

- *“Improving the Mechanical Performance of Compression-Molded Composite Underbody Shields,”* co-presented by Duane Emerson and Daniel Grauer, both of Ticona Engineering Polymers; Benjamin Hangs and Manfred Reif, both of Fraunhofer ICT of Germany; Andreas Martsman, Oxeon AB of Sweden; and Simon Jespersen, Fiberforge of Switzerland. The presentation will evaluate methods to improve the mechanical properties of compression

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molded direct long-fiber thermoplastic (D-LFT) shields, and to improve longevity and performance while maintaining a favorable cost/weight ratio.

The Ticona portfolio of high-performance engineering polymers for automotive weight reduction, as well as fuel system, electronic, energy storage, powertrain and thermal management applications, also consists of:

- [Factor](#)[®] and [Compel](#)[®] LFRT
- [Celanex](#)[®] thermoplastic polyester (PBT)
- [Fortron](#)[®] polyphenylene sulfide (PPS)
- [GUR](#)[®] ultra-high molecular weight polyethylene (UHMW-PE)
- [Hostaform](#)[®] / [Celcon](#)[®] acetal copolymer (POM)
- [Thermx](#)[®] polycyclohexylene dimethylene terephthalate (PCT)
- [Vectra](#)[®] / [Zenite](#)[®] liquid crystal polymer (LCP)

Ticona encourages you to visit www.ticona.com/markets/auto. Read how Ticona engineering polymers offer a spectrum of advanced properties that are helping automotive original equipment manufacturers and tier suppliers improve quality while reducing weight and lowering production costs.

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.

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