

News Release



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Ticona to Showcase Thermoplastics for Composites at SAMPE Carolinas' Composites Expo

Florence, Ky., Sulzbach, Germany, Shanghai, PR China, May 16, 2012 –

[Ticona](#) Engineering Polymers is showcasing its [thermoplastics for composites](#) at the [SAMPE Carolinas' Composites Expo](#) Tuesday, April 17, at the U.S. National Whitewater Center in Charlotte, N.C.

The Ticona exhibit will highlight thermoplastic solutions for continuous-fiber composites used in light and tough components that can reduce weight, drive down costs and perform in extreme environments.

The Ticona thermoplastics and composites portfolio includes:

Fortron[®] polyphenylene sulfide (PPS) with proven production performance in critical aerospace structures

- Superior FST (flame, smoke, toxicity) performance – exceeds aircraft interior requirements
- High-temperature performance to 240 degrees Celsius (as demonstrated under-the-hood)
- Superior dimensional stability (low shrink, CTE and creep)
- Broad chemical resistance to fuels, oils, solvents, fluids, strong acids, bases (pH 2-12), even at elevated temperatures
- Substantial cost savings vs. other high-temperature polymers

Ticona Announces Fortron® PPS Plant Sets Production Record, *page 2 of 2*

Celstran® continuous fiber reinforced thermoplastics (CFR-TP) for unidirectional tapes, rods and profiles

- Low weight with high stiffness and toughness
- Excellent impregnation technology
- High-performance dimensional, mechanical and thermal properties
- Superior chemical and corrosion resistance
- Eco-friendly processing, recyclability
- Wide range of resins, fibers and additives

Ticona encourages you to visit www.ticona.com/composites. Read how Ticona continues to develop thermoplastics for composites for use in aerospace, oil and gas, automotive and industrial applications.

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 that 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.