

News Release



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INVISTA's P8 PTA technology offers significant variable cost savings

INVISTA Performance Technologies launches latest PTA technology to improve plant economics

WILTON, England (April 13, 2015) – INVISTA Performance Technologies (IPT), the PTA industry's most prolific licensor, introduces an upgraded platform that offers licensees significant production efficiencies.

"The PTA and polyester industries are extremely competitive" said Mike Pickens, IPT president. "And, while our previous vintages of technology provided significant competitive advantage compared to alternatives, this new PTA platform drives our customers' variable and capital costs even lower. Our focus on process simplification, value engineering and layout optimization has resulted in a compact design that significantly improves the capital productivity."

INVISTA's latest technology offering—called P8—delivers significant variable cost improvements through milder reactor conditions, improved energy integration and recovery. The process is a net electricity exporter with a reduced environmental footprint resulting from low energy and water usage and reduced waste generation. The net effect is a greater than \$20 per tonne variable cost improvement compared to plants licensed just a few years ago and could be up to \$40 per tonne advantage over competitors' technologies.

"In this market environment, every tonne, every dollar must be optimized," said Pickens. "That's why our focus has always been on safely and efficiently reducing variable costs and improving the capital productivity for our licensees. We have a proven track record of successful technology transfer with licensees quickly achieving design rates and performance parameters. With their reliable and efficient plants, most of our licensees continue to operate at high rates even in this arduous PTA market."

Since 2000, INVISTA has been involved with the start-up of 19 world-scale PTA plants and with five additional plants at various stages in the design and construction process. INVISTA's latest technology platform is protected by numerous granted and pending patent families, giving licensees the confidence to invest in today's competitive environment.

INVISTA Performance Technologies has been licensing PTA and polyester technologies for more than 40 years, driving scale and variable cost reductions through innovations that deliver licensees a competitive advantage relative to other available technologies. IPT's rigorous technology design process includes fundamental research, modelling, process and safety engineering, functional and operational expertise, and critical vendor developments. This collective approach to design and technical services leverages the knowledge and expertise of IPT's personnel to deliver unparalleled value to the market.

For investors integrating along the polyester chain, IPT also offers world-scale polyester resin and textile CPs with more than 1 million tonnes per annum of capacity started up in the past year and another 4 million tonnes per annum of capacity under execution.

Producers, investors, and others interested in learning more about INVISTA's industry-leading PTA and polyester technologies can visit www.IPT.invista.com.

With leading brands including LYCRA®, COOLMAX®, CORDURA®, STAINMASTER® and ANTRON®, INVISTA is one of the world's largest integrated producers of chemical intermediates, polymers and fibers. The company's advantaged technologies for nylon, spandex and polyester are used to produce clothing, carpet, car parts and countless other everyday products. Headquartered in the United States, INVISTA operates in more than 20 countries and has about 10,000 employees. For more information, visit www.INVISTA.com, [Facebook.com/INVISTAglobal](https://www.facebook.com/INVISTAglobal) and [Twitter.com/INVISTA](https://twitter.com/INVISTA).

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