

Press information

## **Polypipe Civils invests in quality assurance technology from Triton**

Keyworth, September 2009. Polypipe Civils, the UK's leading manufacturer of plastic drainage, sewer and cable protection products, has invested in two identiPol QA units from Triton Technology Limited to further strengthen its existing quality control processes. The identiPol QA, a new device for the simple and cost-effective quality assurance testing of thermoplastics, will be used by Polypipe Civils to closely control its use of raw materials and ensure the quality of recycled material used in its manufacturing process is fit for purpose.

During an approximately 20-minute process conducted at the goods-in stage at two Polypipe facilities, the simple-to-use identiPol QA units benchmark incoming recycled material and allocate it a Quality Index Score (QIS) to indicate how the material performs against a dataset of prime polymer. This simple scale allows Polypipe Civils to rapidly measure the quality of each batch of recycled material prior to its use in the manufacture of products such as Ridgidrain Plus and Polystorm Lite, thereby helping avoid costly machinery downtimes or potential production issues.

"This investment marks another initiative the business has implemented to improve its quality control," comments Olly Monk, quality manager for Polypipe Civils. "By grading our recycled material we can be sure of the quality prior to manufacture and deliver improved products to our customers. This new process will enable us to become even more efficient and enhance the quality of our products."

Although adoption of the identiPol QA for quality assurance purposes can apply to any production process where polymers are used, Triton sees the fast growing recycling sector as a prime target market. "The identiPol QA is a relatively low-cost device that can provide a rapid assessment of quality for virtually any thermoplastic material, whether in its prime form or as a recycle. There is no complicated data to interpret, just a single numerical value showing how close the recycled material is to the prime polymer," confirms John Duncan, scientific and technical manager at Triton Technology.

Established in 1997, Triton Technology Limited is a leading designer and manufacturer of Dynamic Mechanical Analysis (DMA, DMTA) and Dielectric Thermal Analysis (DEA, DETA) equipment, and is well known in the field of material science for its visionary designs and wealth of in-house knowledge. A fully-accredited ISO 9001 company, Triton employs eleven

people at its head office in Keyworth, Nottinghamshire, and has a network of distributors and agents to sell and support its products worldwide. Further information can be found at [www.triton-technology.co.uk](http://www.triton-technology.co.uk).

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For press enquiries please contact Andrew Wilkins on 01353 663350 or email: [triton.press@btconnect.com](mailto:triton.press@btconnect.com)



Olly Monk (left), quality manager for Polypipe Civils and John Duncan, scientific and technical manager at Triton Technology, with an identiPol QA.

Photo: Triton Technology Limited

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