

Press Release

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Following the successful launch at K2007, Triton Technology Limited is very pleased to announce that a radical new product is now available for quality assurance of thermoplastics. The principle behind this technology is a variant method based on well founded thermal analysis procedures. By hybridising key technology, a very rapid test procedure has been produced. A typical test can take as little as 5 minutes.

The success of this unit depends very much on the novel Pat. Pending sample holder and preparation procedure. This allows material in pellet or other forms to be moulded consistently whilst at the same time provides a heat transfer lattice throughout the prepared sample enabling very rapid heat transfer. This in turn allows for very rapid analysis of the material. As this methodology is not based on optical analytical methodology, no issues arise from using filled materials, including carbon black. The result is not affected by these additions.

A full thermal profile, which can include relaxations, crystallisations and melts, provides a unique pattern for the material. This is reduced by mathematical means to a simple statistical probability.



These procedures were developed jointly by the Chemometrics Department at Bristol University in the UK and Triton Technology Limited.

For more information, contact;

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