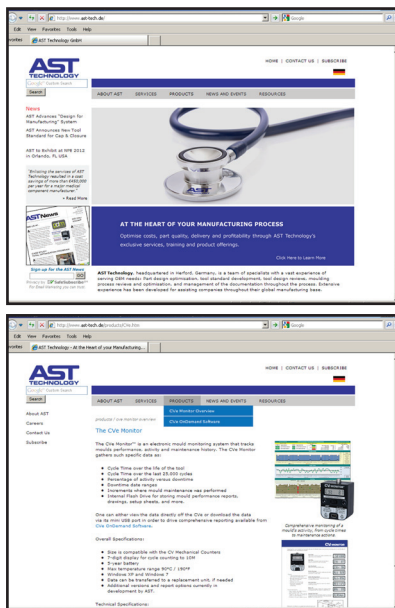


## AST'S NEW WEBSITE

AST has redesigned and expanded its website to include many new features and benefits for customers, including a CVe Monitor overview where customers can learn more about AST's latest developments in electronic mould monitoring using this unique system.

OnDemand software is also now available for downloading at the site, free of charge. OnDemand works together with the CVe Monitor to keep comprehensive mould data readily accessible to all who need it, no matter where in the world a mould is running.

A variety of case studies, customer testimonials, and literature downloads plus industry links and events are easy to access, along with back issues of this newsletter and more.



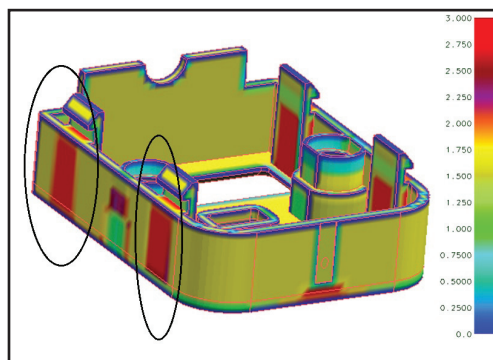
Visit [www.ast-tech.de](http://www.ast-tech.de) and let us know what you think about our new website.

## DID YOU KNOW? COOLING TIME SYNOPSIS

Did you know that cooling time is about 50% to 75% of the total cycle time? Because of this, and because the injection moulding process is characteristically cyclic, optimising cooling time for best performance is very important from a quality and productivity point of view.

Cooling time is proportional to dimensions of wall thickness. Therefore part designs should have more or less a uniform wall thickness throughout the part. Part designs should also ensure that the melt flow is uniform in all directions from the gate and melt should reach the perimeters of the part at the same time. Cooling channel design – location, size and type – should ensure that melt freezes uniformly inside the mould, and this can be perfected with the help of Moldflow analysis.

Stay tuned for more on this topic in the next AST News. In the meantime, for any questions, email us at [contact@ast-tech.de](mailto:contact@ast-tech.de).



The Moldflow image above shows uneven wall thickness (in red), which affects cooling time. AST optimized the design resulting in 21% material savings and a 32% improvement in cycle time.

## SEE US AT

AST has a full and exciting industry event schedule ahead! We look forward to meeting customers at these events and others:



1 – 5 April  
Orlando, FL, USA  
Booth 4681



29 – 30 May  
Excel London  
Stand P36



10 – 11 October  
Galway, Ireland



16 – 20 October  
Friedrichshafen, Germany



27 – 30 November  
Frankfurt, Germany

Visit our new **website** for a listing of all trade fairs and events that are important in our industry.