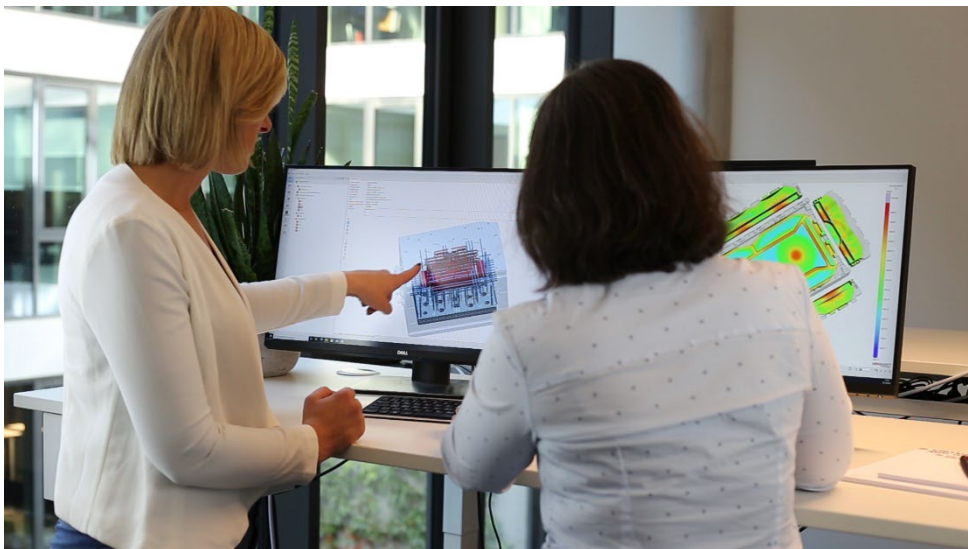**SIGMASOFT®**
Virtual Molding

Press Release

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SIGMASOFT® at K-Show
New features, better quality, higher speed.

At K-Show 2025, SIGMA Engineering presents its new version of SIGMASOFT® Virtual Molding.

Picture: two users showcasing SIGMASOFT® during a deep-dive of the software

SIGMASOFT® at K 2025

Aachen, Sept 9th, 2025 – At K 2025 in Düsseldorf (Oct 8-15), SIGMA Engineering GmbH will showcase the advancements of SIGMASOFT® at booth A80 in Hall 13. With the new version 6.2, more speed and quality become available, together with furtherly improved ergonomics.

The new release of SIGMASOFT features a lot of upgrades "under the hood". Innovation of the simulation engine, together with new computational approaches, delivers higher-quality results up to four times faster than before. Further improvements of the user interface guide even casual users more smoothly to high quality simulation results.

Premiering on the K-Show are also two brand-new features: SIGMAecon and the SIGMA Rubber Designer.

Securing a contract often depends on offering an aggressive selling price. However, turning such a project into a sustainable success requires precise knowledge of one's own costs beforehand. **SIGMAecon** features the precise determination of the component costs in the currently simulated process and, its variants found with the built-in autonomous optimization process. Modified thermal concepts (such as the use of hot or cold runner technology or additional insulation) are not only considered as additional costs or material savings but, also in terms of the energy consumption for a better CO_2 footprint.

The measurement of elastomers is time-consuming and cost-intensive, which is why the material data of the compounds based on measurements is only available for the simulation in a few cases. This is where the **SIGMA Rubber Designer** comes in: This generic database allows approximation of the own elastomer compound without measurement, for use in simulation, thereby obtaining realistic results swiftly and efficiently.

"For over 25 years SIGMASOFT Virtual Molding is an industry benchmark for digital reality in polymer processing" says Thomas Klein, CEO of SIGMA. "And it is well supported too. We guide our customers, train dozens of simulation experts every year, and are available every day to provide engineering assistance. We are proud to have been a sought-after partner in the plastic and rubber industry for many years."

SIGMASOFT®
Virtual Molding

SIGMA Engineering GmbH, headed by Managing Director Thomas Klein, has subsidiaries in the USA, Brazil, Singapore, China, India, Korea, and Turkey. In addition, SIGMA supports its users worldwide in a variety of international companies and research institutions with its Virtual Molding technology.
More information: sigmasoft.de

This press information is available to download in pdf and doc format under the following link: https://www.sigmasoft.de/en/press/