



## **Novelties with MuCell at Fakuma 2012**

Today each component can be called a novelty, which have come on the market during the last year and has been designed for the MuCell process. With the physical foaming process MuCell, components are manufactured today, which could not be realized with the chemical blowing agents for over 40 years foam technology haven't been able to realize.

Meanwhile, many products have been standardized for both article design and series production with MuCell: Lock Housings, components for HVAC systems, electric/electronic parts, components for printers and copiers, thin wall containers as well as interior and exterior parts in the automotive industry.

The decision by Ford for the strategic use of MuCell in plastic components, but also the decision of Volkswagen to produce the new Golf 7 Instrument Panel with MuCell can be seen as tremendous worldwide success for Trexel. This year, Trexel will present new products designed for and realized with MuCell, such as:

- IP-Carrier
- Section of the instrument panel of the Mercedes Actros (Dolphin process)
- Head Lamp Housing
- Interior trim parts (mirror finished with clear coat)
- margarine tubs with 3-D Logo

What is exciting is the possibility with MuCell to abandon historicly established design rules for conventional injection molded plastic parts. Though it isn't always directly visible what designs "near to nature" have been realized with the part: Varying wall thickness and different rib designs without sink marks! New freedom for choosing gate locations and many more.