

**Press release**  
**STRATOR®**

**EPIC Polymers: STRATOR® enables metal substitution in arm rest**



Arm rests made of **STRATOR®**

**STRATOR®** high strength compounds are successful, where other plastics fail: highly loaded metal components can now be manufactured in plastic, at significantly lower cost.

A case in point: the arm rest of the dental treatment center. The manufacturer, *Sirona* dental systems GmbH, is the global leader in the area of dental equipment.

When *Sirona* wanted to switch the arm rest into plastic, they found that the traditional engineering plastics were not up to the job. Bertram Rühl, plastics expert at *Sirona*, comments: "We set very high quality standards for outsourced components used in our assemblies. The traditional plastics were low on break strength and were too flexible. By moving to **STRATOR®** we could double the stiffness and increase break strength by 50%. This enabled us to switch the part from die-cast zinc to plastic."

Jörg Konrad, director of sales for *EPIC Polymers*, adds: „Increasingly, our **STRATOR®** is recognized as the material of choice for metal replacement. In spite of the economic crises, we are seeing excellent growth rates for this product line”.

Fred Panhuizen, director of marketing and technology, explains: “Unlike other high strength thermoplastics, **STRATOR®** does not require exotic melt- and tool temperatures, and can be processed under normal conditions. On top of this, the mechanical values significantly are better, particularly for long term loads.

*Sirona* is a company dedicated to creating and producing the finest dental equipment available. Their leading global position rests on their commitment to technological innovation, manufacturing excellence and international sales expertise.

*EPIC Polymers Ltd.* ([www.epicpolymers.com](http://www.epicpolymers.com)) is a leading manufacturer of high strength plastics, as well as high performance plastics for tribology, electrical conductivity and thermal conductivity.