

# Press release

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## **Lenzing Plastics: Innovative Products from Lenzing PROFILEN®**

### **Non-absorbable surgical sewing material (monofilaments) made from Lenzing PROFILEN®**

In the summer of 2011 Lenzing Plastics launched a new, innovative product on the market which is convincing thanks to its quality and performance features.

The newly developed surgical suture material will support surgeons in their daily activities. Patients with heart diseases or who had an accident will benefit from extra comfort during the healing process. The soft texture and excellent soft tissue compatibility make it an extremely high-quality product.

Polytetrafluoroethylen (PTFE) products are chemically inert (non-reacting) and are only rejected by the body in very rare cases. The biocompatibility of the material allows almost unlimited use as a permanent implant. Even with pre-existing infections, the product will not be degraded or damaged.

Often, during or after a surgical procedure, the knot dissolves which can cause serious problems during the healing process. To counteract this, a special surface structure has been developed which ensures the durability of the knot.

### **Lenzing Plastics – At home on the global market**

Lenzing Plastics is a subsidiary of the Lenzing Group and one of the world's leading producers of polyolefin and fluoropolymer products. The core competence of Lenzing Plastics lies in the mono-axial stretching of polymers, a technology which allows for the production of films, tapes and yarns with extremely high tensile strength.

### **The first complete tarpaulin made of Lenzing PROFILEN® in the Salzkammergut region**

The first complete tarpaulin (18 m<sup>2</sup>) made of Lenzing PROFILEN® (18 m<sup>2</sup>) produced by Lenzing Plastics was realised in the Salzkammergut region of Austria in cooperation with Meisel, a company in Pinsdorf, Upper Austria.

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Meisel manufactured integrated ventilation eyelets in order to guarantee solid comfort for demanding customers of wooden sailing boats. In this way condensation water formation could be significantly reduced. Due to the particular properties of Lenzing PROFILEN<sup>®</sup>, which serve as the basis for simple cleaning, the Lenzing PROFILEN<sup>®</sup> fabric covering 18 m<sup>2</sup> provides long-lasting protection of the exclusive wooden sailing boats against dirt and water.

**Download pictures:**

<https://mediadb.lenzing.com/pindownload/login.do?pin=VUARI>

PIN: VUARI

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**Business Unit Plastics is part of the Plastics Products Segment of The Lenzing Group**

**Lenzing's Business Unit Plastics** is one of the worlds leading producers of polyolefin and fluoropolymer products. Our main competence lies in the mono-axial stretching of polymers, a technology which allows the production of films and tapes with extremely high tensile strength.

**Key Figures Segment Plastics Products 2010:**

Sales: EUR 144.6 mill.

Export share: 85%

Total extrusion capacity: 49,000 tons (Plastics: 25,000 tons, Filaments: 24,000 tons)

Staff: 800

**The Lenzing Group**

The Lenzing Group provides the global textile and nonwovens industry with high-quality cellulose fibers. Lenzing quality and Lenzing innovative power set standards for man-made cellulose fibers world-wide. Lenzing is committed to the principles of sustainable management and very high environmental standards. Lenzing's core business fibers and plastics are complemented by our activities in business field engineering.

**Key Figures Lenzing Group 2010:**

Sales: EUR 1.77 bill.

Export share: 91.3 %

Fiber production: 653,717 tons

Staff: 6,530

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