

**Corporate Communications**

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## Press Information

### New CeramTec Standard S Friction Disc with Super Surface

## Higher quality of textured polyamide filament yarns

***Plochingen, February 3, 2016*** For decades, CeramTec Standard friction discs have set the benchmark in the texturing of polyamide, with millions currently in use. Through further development of the surface quality, CeramTec has created a new surface structure that ensures excellent yarn values for polyamide.

By using the new CeramTec Standard S friction disc with Super Surface in the production of PA6.6, Dtex 78/68 it was possible to improve elongation by more than 6% and strength by more than 5 cN/tex compared to conventional friction discs. The tests were conducted on Barmag eFK machines at various yarn manufacturers with the setup 1/6/1.

The Super Surface structure is produced with a roughness of  $R_a 0.85 \pm 0.15 \mu\text{m}$  using an innovative production method with a special surface treatment. CeramTec Standard S is also available in finer roughness on request.

The textile ceramic experts at CeramTec have brought yet another innovation to market and are setting new standards in the texturing of polyamide threads with the CeramTec Standard S friction disc

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with Super Surface. Its presentation at the world's most important textile fair ITMA generated high interest.



Caption: The new CeramTec Standard S friction discs increase the quality of polyamide

### About CeramTec GmbH

CeramTec products are often unseen, but always indispensable. The company, headquartered in Plochingen, Germany, supplies its customers with premium-quality ceramic products from 21 sites across the globe. The products are used in many different applications today, especially in medical engineering, automotive manufacturing, electronics, equipment and mechanical engineering, defense systems, energy and environmental technologies, and in chemical industries. The company's success is rooted in the formula: Continued development of new, innovative materials with a strong commitment to quality, a focus on customer-specific systems solutions and dialog-based application consulting services that cover the entire product life cycle. CeramTec GmbH is one of the largest international manufacturers of ceramics for technically demanding applications. The company has around 3,600 employees worldwide and achieved revenues of approximately €475 million in 2014.

### **CeramTec GmbH**

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