Advanced Ceramics for the Melt Spinning Process
New dimensions with TRIBOFIL® and TRIBOSOFT®
Ceramic components for the melt spinning process

- Pigtailed
- Oil applicators
- Traverse guides
- Jet plates
- Spinneret
- Oil applicator
- Pigtail
- Jet plates
- Traverse guide
- Package
New dimensions with TRIBOFIL® and TRIBOSOFT®

TRIBOFIL® is our surface finish for yarn guide elements for low-tension applications and for the processing of commonly produced synthetic yarns without any yarn damage. This material has been proven worldwide and is highly rated by the circle of expertise in the industry.

TRIBOSOFT® is an established advanced surface treatment used for processes at low yarn tensions without any yarn damage, having long life cycles on both special yarns and raw materials containing aggressive additives such as spun-dyed yarns (spun-dyed black), CS and bioactive yarns.

TRIBOFIL® and TRIBOSOFT® are only available from CeramTec and provides you with:

**At a glance**

- Lowest possible yarn break rates
- Highest yarn cleanliness
- Low yarn tension
- Excellent package build-up
- High quality and cost efficiency

Different surfaces for customers’ applications:

The REM pictures below show the different types of ceramic surfaces as used for different kinds of technical processes.

<table>
<thead>
<tr>
<th>Surface</th>
<th>R_t value [µ]</th>
<th>Coefficient of fiction</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRIBOFIL®</td>
<td>1.1</td>
<td>0.3</td>
</tr>
<tr>
<td>TRIBOSOFT®</td>
<td>&lt; 0.3</td>
<td>0.4</td>
</tr>
<tr>
<td>Polished</td>
<td>&lt; 0.3</td>
<td>0.8</td>
</tr>
<tr>
<td>As fired</td>
<td>0.75</td>
<td>0.4</td>
</tr>
</tbody>
</table>
The measured values mentioned before were determined for test samples and are applicable as standard values. The values were determined on the basis of DIN-/DIN-VDE standards and if these were not available, on the basis of CeramTec standards. The values indicated must not be transferred to arbitrary formats, components or parts featuring different surface qualities. They must not be considered as a guarantee for specific properties. We reserve the right of technical modifications.