The indications given herein correspond to practical experiences. Owing to the differences in local conditions they cannot claim to be complete, so that any liabilities – also with a view to claims of third parties – are excluded. Spunlace_Stapelfiber-4-A4-05-20-EN
### ANTISTATIC AGENTS

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>USED FOR</th>
<th>FEATURES</th>
<th>BENEFITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>KATAX® 1017-8</td>
<td>Hygiene, Food Contact</td>
<td>Good Antistatic Performance, Very Low Foam Formation, Excellent Thermal Stability</td>
<td>High Affinity To Fibers, Low Foam Creation At Entanglement, Complies with FDA and EU 10/2011</td>
</tr>
<tr>
<td>KATAX® SL 145</td>
<td>Technical, High Cohesive</td>
<td>Excellent Antistatic Performance, Very Low Foam Formation, High Fiber Cohesion, Excellently Soluble</td>
<td>Highest Possible Carding Speeds, Low Foaming, Process Water without Deposits, Complies with FDA and EU 10/2011</td>
</tr>
<tr>
<td>KATAX® 1260-4</td>
<td>Hygiene, Food Contact</td>
<td>Good Antistatic Performance, Moderate Foam Creation, High Hydrophilic, Excellently Soluble</td>
<td>Complies with FDA and EU 10/2011, Highest Possible Migration Limit to EU 10/2011, Process Water without Deposits, High Active Matter</td>
</tr>
</tbody>
</table>

### LUBRICANTS

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>USED FOR</th>
<th>FEATURES</th>
<th>BENEFITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>STANTEX® S 6117-2</td>
<td>Hygiene, Food Contact</td>
<td>Low Fiber To Metall Friction, Low Foam Creation, Excellent Thermal Stability</td>
<td>Allows High Speed Carding, Less Foam During Hydroentanglement, Complies with FDA and EU 10/2011</td>
</tr>
<tr>
<td>STANTEX® S 2152 PD</td>
<td>Technical, High Cohesive</td>
<td>Low Fiber To Metall Friction, Good Fiber Cohesion</td>
<td>Highest Possible Carding Speeds, Low Foaming Process Water without Deposits</td>
</tr>
<tr>
<td>STANTEX® S 6051</td>
<td>Hygiene, Food Contact</td>
<td>Balanced Friction Behavior, Good Fiber Cohesion</td>
<td>Provides a Scroopy Fiber Grip, Versatile Fiber Lubricant, Complies with FDA and EU 10/2011</td>
</tr>
</tbody>
</table>

### PROCESS-AIDS

<table>
<thead>
<tr>
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<th>BENEFITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>STANTEX® K 1327</td>
<td>Hygiene, Food Contact</td>
<td>Excellent Wetting Behavior, Good Antistatic Activity</td>
<td>Improved Application of Finishes and Top Coats, Complies with FDA and EU 10/2011, Increases Hydrophilicity</td>
</tr>
</tbody>
</table>

### SPIN FINISH COMPONENTS FOR SPUNLACE STAPLE FIBERS

#### RECIPES FOR PET SPUNLACE FIBERS

- Universal Spunlace Finish:
  - For Hygiene and Food Contact Applications with High Carding Speeds, Low Foaming, enables High Temperature Settings
  - Component Mixing Ratio
    - KATAX® 1017-8: 40 - 60%
    - STANTEX® S 6117-2: 60 - 40%

- High Efficient Spunlace Finish:
  - For Highest Possible Carding Speeds and High Fiber Cohesion, Low Foaming and Clear Process Water
  - Component Mixing Ratio
    - KATAX® SL 145: 50 - 70%
    - STANTEX® S 2152 PD: 50 - 30%

- Hydrophilic Food Contact Finish:
  - For Food Contact with Low Foaming and Clear Process Water
  - Component Mixing Ratio
    - KATAX® 1260-4: 40 - 60%
    - STANTEX® S 6117-2: 60 - 40%

#### RECIPES FOR PP SPUNLACE FIBERS

- Component Mixing Ratio
  - KATAX® TYPE*: 95 - 85%
  - STANTEX® S 6117-2: 5 - 15%

#### RECIPES FOR VISCOSE SPUNLACE FIBERS

- Component Mixing Ratio
  - KATAX® TYPE*: 0 - 10%
  - STANTEX® S 6117-2: 100 - 90%

* Recommended Katax Type:
  - KATAX® SL 145: For Higher Cohesion and Strong Antistatic Protection
  - KATAX® 1017-8: For Food Contact with Low Foaming
  - KATAX® 1260-4: For Hydrophilic Fibers with High Specific Migration Level