Cellusoft® L

Bio-Polishing is a process that modifies the surface of cotton and other cellulosics in the presence of a cellulase enzyme.

Benefits
Bio-Polishing is an environmentally friendly way of improving the quality of fabrics.

- Bio-Polishing improves fabric quality
- Bio-Polishing prevents hairy fabrics
- Bio-Polished fabrics prevent pilling in garments after repeated washes
- Garments made from Bio-Polished fabrics look newer for longer
- Bio-Polishing is gentler on fabrics
- Bio-Polishing is easy and safe to use
- Bio-Polishing is environmentally friendly

Usage
The Bio-Polishing process ensures that the loose fibres on the fabric are dislodged. For optimum results, it is therefore important that equipment with high agitation is used to remove the loose fibres from the fabric. Suitable equipment will include jet dyeing machines as well as aqueous fabric tumblers.

<table>
<thead>
<tr>
<th>Product</th>
<th>Temp. (°C)</th>
<th>pH</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cellusoft® L</td>
<td>40-55</td>
<td>4.5-5.5</td>
<td>NR</td>
</tr>
</tbody>
</table>

Table 1.

NR – not recommended
++ - very good
+/- - suitable in certain circumstances

Application/process type
Bio-Polishing can be applied at various stages of processing and at different liquor ratios. The most common practice is to apply Bio-Polishing before or after dyeing.
Dosage
A typical dosage for Cellusoft L is 0.5-3.0% (o.w.o.g.).

Safety, handling and storage
Safety, handling and storage guidelines are provided with all products.