**DANUFIL® DEEP DYE – CATIONIC FIBRE FOR COLOURFUL TEXTILES**

**DANUFIL® DEEP DYE** is a cationically active viscose fibre. Its **high dye pickup capacity and speed** allow the fibre to be dyed more quickly, to **more intense colours** in a more **environmentally friendly** process than it is possible with standard viscose. Dyeing effects can be achieved in 100% cellulosic fabrics.

**DANUFIL® DEEP DYE’s** outstanding dye pickup gives textiles **impressive colour brilliance** and good wet and wash fastness even without post-treatment. **Higher dyestuff yields** can be achieved than with standard viscose using less or no salt. Reduced dyeing times allow **increased throughput** and **energy savings. Less water** in the dyeing process also saves costs for wastewater treatment.

The high dye pickup of **DANUFIL® DEEP DYE** allows a **high dyeing versatility**. Dyeing in blends with Polyester is possible using the Polyester dyeing conditions. Dyeing with **acidic or metal complex dyestuffs**, also in blends with wool and polyamide, is possible just as generating **dyeing effects** like melange effects by piece dyeing of blends with other cellulosic fibres.

For detailed information about dyeing of **DANUFIL® DEEP DYE** please refer to our technical information sheet.

Applications of **DANUFIL® DEEP DYE** are:
- Effect yarns
- Apparel and home textiles
- Technical textiles

Processing of **DANUFIL® DEEP DYE** is possible on all common textile processing technologies.

**Cross-Section of DANUFIL® DEEP DYE**

**Brilliant colours**

**Availability**

<table>
<thead>
<tr>
<th>Decitex</th>
<th>Cutting length (mm)</th>
<th>Lustre</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,3</td>
<td>40</td>
<td>bright</td>
</tr>
</tbody>
</table>

Other dtex / cutting length lengths available on request

**Property Profile**

<table>
<thead>
<tr>
<th>Fibre property</th>
<th>Unit</th>
<th><strong>DANUFIL® DEEP DYE</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tenacity</td>
<td>cN/tex</td>
<td>18 - 28</td>
</tr>
<tr>
<td>Elongation at break</td>
<td>%</td>
<td>14 - 26</td>
</tr>
</tbody>
</table>

For more information about our products please email to: sales@kelheim-fibres.com or call Germany +49 9441 99-519. Please visit also our website: www.kelheim-fibres.com

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