Oerlikon Manmade Fibers Segment, a part of the Swiss-based Oerlikon Group (SIX: OERL), is a global technology leader of complete plant solutions and systems for the production of chemical fibers, such as polyester, nylon and polypropylene, used mainly in fabrics and functional clothing as well as for technical textiles. Under the market-leading brands of Oerlikon Barmag and Oerlikon Neumag, the Segments’ solutions and systems for filament spinning, texturing, bulked continuous filament, synthetic staple fiber spinning and nonwovens are highly precise and energy efficient. The Segment is also a pioneer in offering groundbreaking sustainable technologies under its e-save program, which can help customers achieve up to 50% of energy savings in production processes. The Segment offers engineering, machine and component solutions from a single source: from melt to yarn, from polycondensation to high-precision winders. In 2019, the Segment generated sales of CHF 1.1 billion and has a team of some 2 900 employees serving customers worldwide, with a strong focus on its main markets of China, India, Turkey and the USA.

www.oerlikon.com/manmade-fibers/

**Leading position in growing end market**

**Oerlikon Barmag**

Oerlikon Barmag is a global market leader in spinning and texturing systems for the production of manmade fibers such as polyester, nylon and polypropylene. Oerlikon Barmag is also well positioned in special markets for winders of specialty yarns and applications.

**Oerlikon Neumag**

Oerlikon Neumag is a global market leader for complete production systems for bulked continuous filament (BCF carpet yarns) as well as solutions for synthetic staple fibers.

**Oerlikon Nonwoven**

Oerlikon Nonwoven delivers comprehensive solutions for all important nonwoven production processes. The portfolio not only includes turnkey solutions for the manufacturing of spunbond, meltblown, composite and airlaid, but also new innovative nonwoven production technologies.

**Quarterly figures**

<table>
<thead>
<tr>
<th></th>
<th>Q4 18</th>
<th>Q1 19</th>
<th>Q2 19</th>
<th>Q3 19</th>
<th>Q4 19</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order intake (in CHF million)</td>
<td>241</td>
<td>296</td>
<td>298</td>
<td>276</td>
<td>252</td>
</tr>
<tr>
<td>Sales (in CHF million)</td>
<td>270</td>
<td>254</td>
<td>265</td>
<td>267</td>
<td></td>
</tr>
<tr>
<td>EBITDA (in CHF million)</td>
<td>33</td>
<td>34</td>
<td>28</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>EBIT margin (in % of sales)</td>
<td>12.2%</td>
<td>13.2%</td>
<td>17.8%</td>
<td>10.7%</td>
<td>9.3%</td>
</tr>
</tbody>
</table>

**Five-year summary of key figures**

<table>
<thead>
<tr>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Order intake</td>
<td>1 122</td>
<td>1 157</td>
<td>799</td>
<td>577</td>
<td>733</td>
</tr>
<tr>
<td>Sales (to 3rd parties)</td>
<td>1 106</td>
<td>1 098</td>
<td>698</td>
<td>481</td>
<td>794</td>
</tr>
<tr>
<td>EBITDA</td>
<td>144</td>
<td>128</td>
<td>56</td>
<td>16</td>
<td>85</td>
</tr>
<tr>
<td>EBITDA margin in % of sales</td>
<td>13.0%</td>
<td>11.7%</td>
<td>8.0%</td>
<td>3.3%</td>
<td>10.6%</td>
</tr>
<tr>
<td>Capital expenditure</td>
<td>32</td>
<td>26</td>
<td>18</td>
<td>16</td>
<td>22</td>
</tr>
<tr>
<td>R&amp;D expenses</td>
<td>30</td>
<td>31</td>
<td>22</td>
<td>19</td>
<td>24</td>
</tr>
<tr>
<td>Net operating assets</td>
<td>30</td>
<td>-59</td>
<td>69</td>
<td>163</td>
<td>225</td>
</tr>
<tr>
<td>Number of employees</td>
<td>2 986</td>
<td>2 824</td>
<td>2 496</td>
<td>2 278</td>
<td>2 528</td>
</tr>
</tbody>
</table>

**End market**

- Textile Applications
- Special Filament
- Plant Engineering

**Region**

- Asia/Pacific
- North America
- Europe
- Rest of the World

**Sales split FY 2019**

**Profitability Bridge FY 2019**

**Well-known customer base**

**Filament spinning / Texturing:**
- Alok
- Billion Group
- Hengli Fiber
- Hengyi Group
- Jiangsu Huaya
- Jinjiang Group
- Nan Ya
- New Feng Ming Group
- Reliance
- Shenghong
- Sumec International
- Tongkun Group
- Wellknown Polyester

**BCF/ Polymer processing:**
- Engineered Floors
- Gülsan
- Indo-Rama
- Merinos
- Mohawk
- PNP Polymers
- SASA Group
- Shaw Industries

**Staple fiber/ Nonwoven:**
- Alib
- Far Easter
- New Century
- Glatfelter
- Hollingsworth & Vose
- Kolon Glotech
- Reliance
- Sanfangxiang

**14 sites worldwide**

- 1 in Asia/Pacific
- 3 in Europe
- 2 in the Americas

**Segment CEO – Georg Stausberg**

- 1963, German citizen
- Segment CEO since 2015
- Previous position: CTO and COO of the Manmade Fibers Segment