

## What we do

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 2018, the Segment generated sales of CHF 1.1 billion and has a team of some 2 800 employees serving customers worldwide, with a strong focus on its main markets of China, India, Turkey and the USA.

[www.oerlikon.com/manmade-fibers/](http://www.oerlikon.com/manmade-fibers/)

## Five-year summary of key figures

in CHF million	2018	2017 <sup>1</sup>	2016	2015	2014
Order intake	1 157	799	577	733	901
Sales (to 3 <sup>rd</sup> parties)	1 098	698	481	794	1 073
EBITDA	128	56	16	85	217
EBITDA margin in % of sales	11.7%	8.0%	3.3%	10.6%	20.3%
Capital expenditure	26	18	16	22	22
R&D expenses	31	22	19	24	33
Net operating assets	-59	69	163	225	128
Number of employees	2 824	2 496	2 278	2 528	2 552

<sup>1</sup> restated for IFRS 15

## Over 2 800 employees serving customers worldwide



## 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.

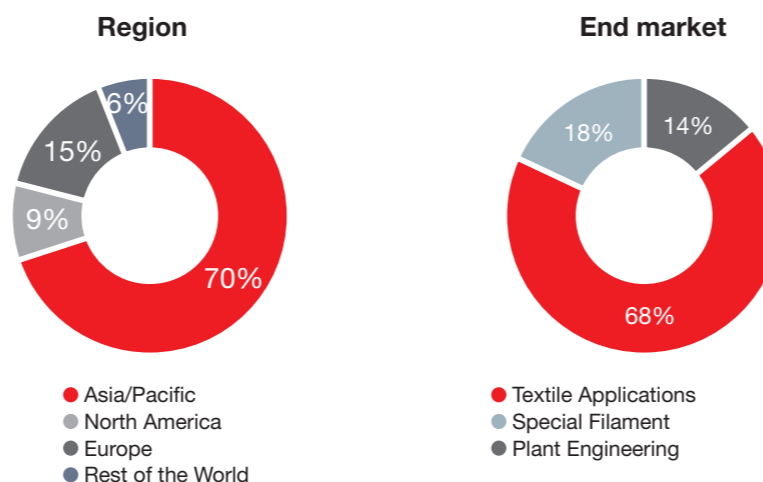
### oerlikon neumag

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.

## Sales split FY 2018



## Well-known customer base

### Filament spinning/ Texturing:

- Alok
- Hengli Fiber
- Hengyi Group
- Jinjiang Group
- Nan Ya
- New Feng Ming Group
- Reliance
- Shenghong
- Tongkun Group
- Wellknown Polyester
- Xinfengming Group

### BCF/ Polymer processing:

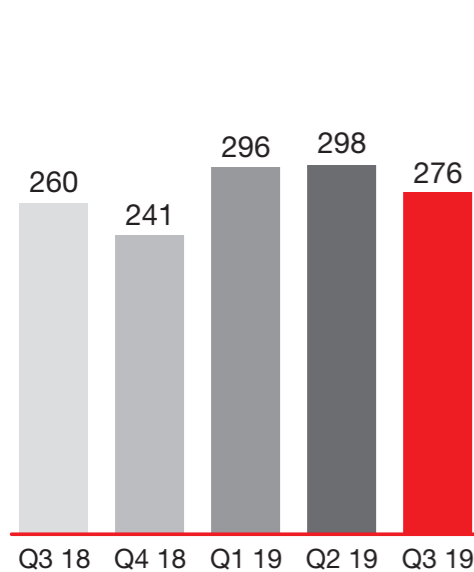
- Engineered Floors
- Gülsan
- Merinos
- Mohawk
- PNP Polymers
- Shaw

### Staple fiber/ Nonwoven:

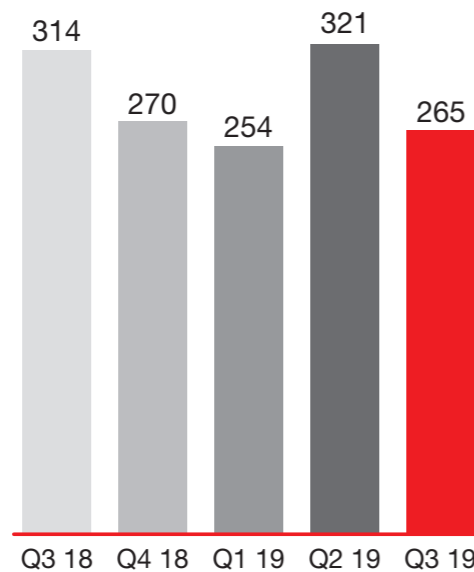
- Albis
- Far Easter
- New Century
- Glatfelter
- Hollingsworth & Vose
- Kolon Glotech
- Reliance
- Sanfangxiang

## Quarterly figures

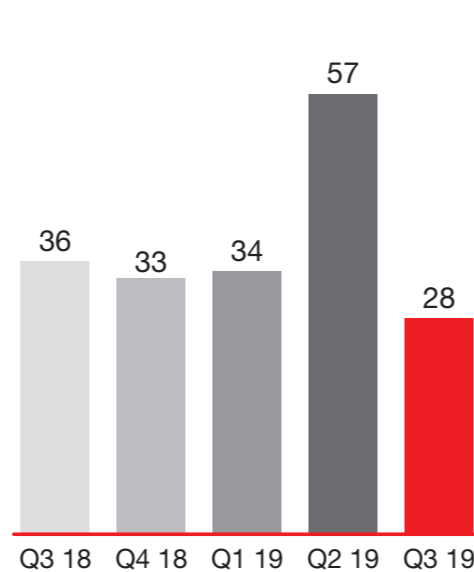
### Order intake (in CHF million)



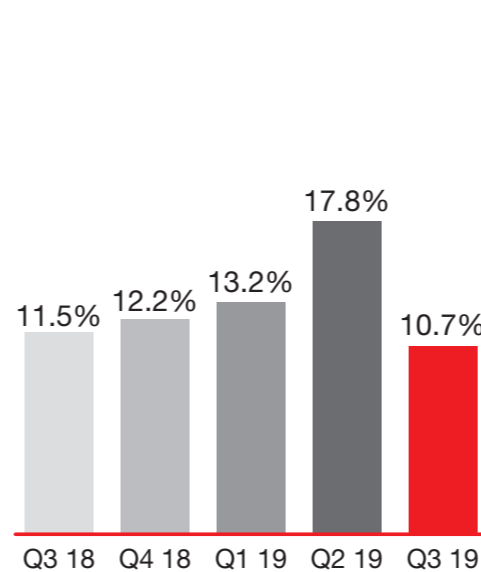
### Sales (in CHF million)



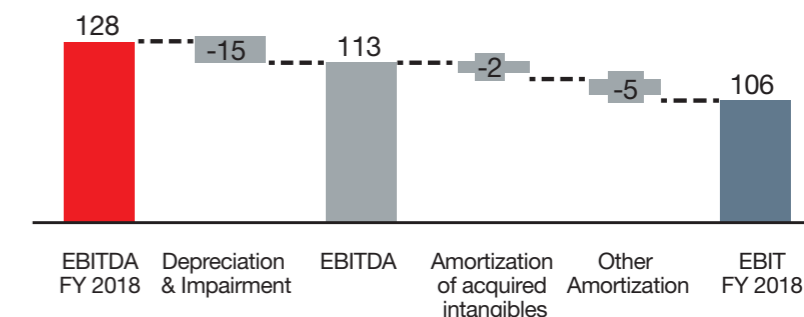
### EBITDA (in CHF million)



### EBITDA margin (in % of sales)



## Profitability Bridge FY 2018



### Segment CEO – Georg Stausberg

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