

Chemical Fibers **2/3** International

Fiber Polymers, Fibers, Texturing
and Spunbonds

September 2020
Volume 70



Leader

- 53 **“What a wonderful World” – Challenges and opportunities for more sustainability**
A. Wissenberg

Industry News

- 56 **Trade fairs and conferences update**
57 **Lenzing: solid results for 2019**
58 **Sateri: viscose from recycled textile waste**
59 **Dralon: protective shield procedure**
60-68 **Management**
60 **Coats: yarns with HeiQ Viroblock technology**
63 **4M/Dralon: large diameter carbon fiber**
64 **Oerlikon: Strong order intake in H1/2020**
65 **ITMF: orders for textile machinery -42 %**
66 **Reifenhäuser Reicofil: sold out**
69 **Freudenberg: growth through acquisitions**
70 **China: mask production pushes nonwovens industry**
71-74 **International news**

Raw Materials

- 76 **Hengli: mega refining and petrochemical plant now fully operational**
77 **Carbios: demonstration plant for enzymatic PET recycling process**
78 **Situation of the Chinese rPET chain in 2019**
80 **Trends in the PX, PTA and PET markets**
81 **PET recycling line for post-consumer and post-production waste** M. Schmitz
82 **Zero-waste cycle in fiber production**
(Gneuss)

Fibers

- 83 **Developments in the global airbag yarn markets** (Wood Mackenzie)

- 84 **Hydrophilization and hydrophobization of PP fibers** (Argus)
85 **Marker masterbatch for traceable fibers** (Grafe Advanced Polymers)
85 **Cellulose chitin fibers** (DITF)
86 **The Fiber Year 2020 – Deceleration along the textile chain** A. Engelhardt
88 **Slump in German chemical fiber production**
89 **Current situation in Chinese synthetic fiber markets** J. Rivera
90 **Early beginnings of polyamide 6 and 66**
C. Fryer
91 **Antibacterial cellulose for wound dressing that kills bacteria** A. Six
92 **Effect of polyester filament yarn structure on wicking** S. Gulhane, G. Sharma

Fiber Production

- 93 **Project list of new polymer and chemical fiber plants 2020**
95 **Pigment particle interactions with viscose polymeric media during manufacturing of dope dyed viscose fibers**
E. Sharma, S. Bhagwat et al.
98 **Melt-spun photoluminescent polymer optical fibers for solar cell enhancement**
K. Jakubowski, M. Heuberger, R. Hufenus
100 **Heated godets for synthetic fiber production** (Retech)

Nonwovens

- 100 **Quick response on PPE shortage** (Edana)
101 **Melt spinning technology suitable for medical face mask applications** (FET)
102 **Large investments in meltblown capacity** (Berry Plastic)
103 **Innovative binder fiber for recyclable, self-reinforcing nonwovens** (Advansa)

- Inner back cover **Advertisers index**
Inner back cover **Company index / Imprint**