

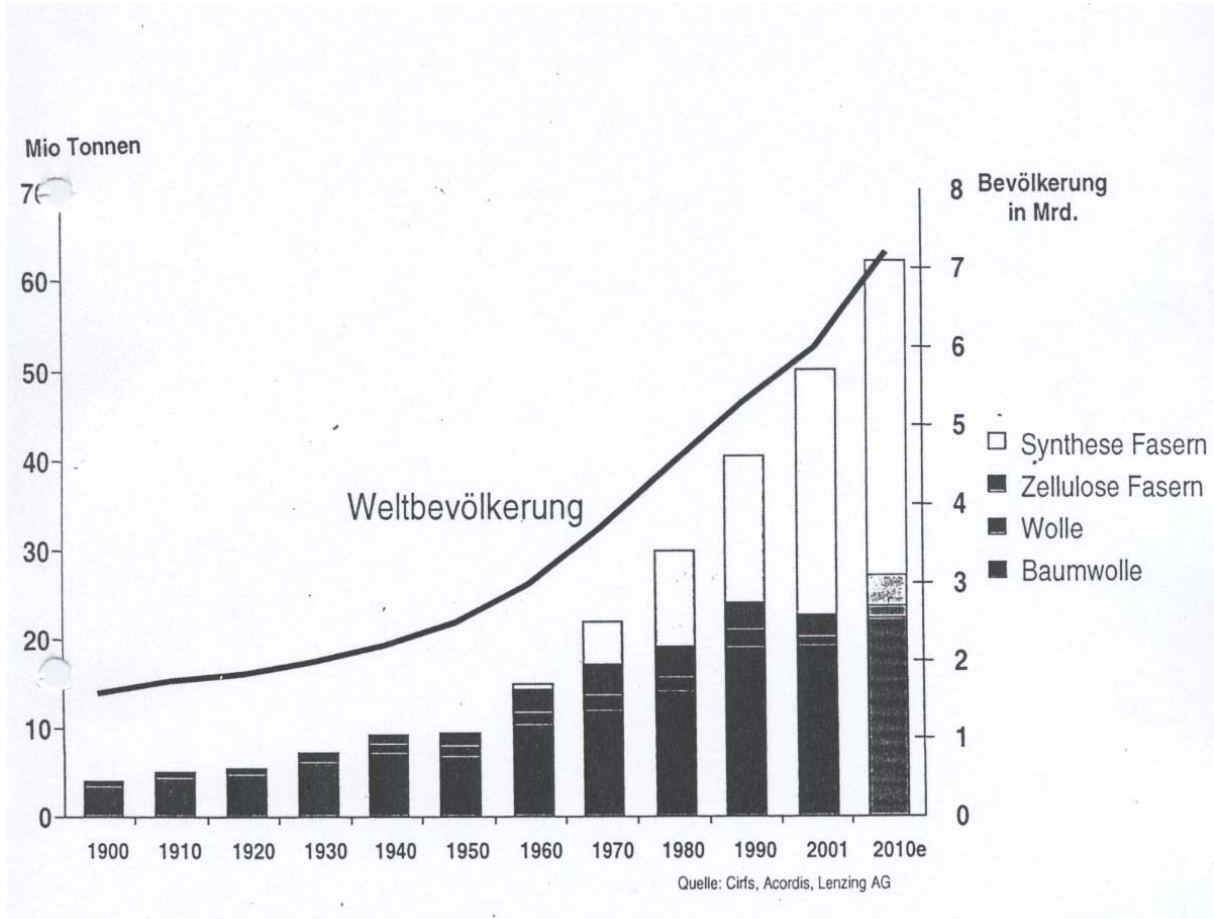
# **Neues vom Fasermarkt**

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**18. Hofer Vliesstoff-Tage**  
5./6. November 2003

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# Wachstum globaler Fasermarkt: 10 Mill. t bis 2010



## Global synthetic fiber increase (in %)

	1999/00	2000/01	2002/03
Polyester yarn	6.6	2.8	8.4
Polyester staple	6.7	0.0	7.8
Acrylic staple	6.3	+3.5	6.4
PA yarn	8.9	-6.9	4.2
PA staple	-3.5	-16.9	6.1

## Global production of textile fibers 2002

	1000 tons	±%
Synthetic fibers	33,802	+6.2
Polyester	20,956	+8.1
PP fibers <sup>1)</sup>	5,913	+2.0
Polyamide	3,905	+4.4
Acrylics	2,742	+6.4
Others <sup>2)</sup>	349	+4.2
Cellulosics <sup>3)</sup>	2,715	+1.6
Cotton	20,623	+2.8
Wool	1,357	-3.1
Jute	3,222	-3.8
Linen	721	+1.3
Ramie	201	+0.1
Silk	92	+4.0
<b>Total</b>	<b>62,733</b>	<b>+4.0</b>

Source: Fiber Organon, 6/2003, 95

<sup>1)</sup> incl. film fibers and spunbonds

<sup>2)</sup> incl. elastane (spandex), aramid, PTFE, chlorofibers

<sup>3)</sup> excl. lyocell fibers, incl. acetate filter tow

**Table 2**  
**PR China: chemical fiber capacities and production (1 000 tons)**

	1999		2005		±%/year
	capacity	production	capacity	production	
Polyester fibers	4,800	4,440	9,100	8,700	+12
Polyamide fibers	390	319	420	400	+4
Acrylic fibers	450	414	630	600	+6
PP fibers	n.a.	255	300	280	+2
Vinyon	90	25	25	25	0
Elastan fibers	8	7	40	40	+35
Viscose fibers	560	472	650	600	+4
<b>Total</b>	<b>6,900</b>	<b>6,000</b>	<b>11,200</b>	<b>10,700</b>	<b>+10</b>
<b>PET polymer</b>	<b>3,860</b>	<b>3,800</b>	<b>10,500</b>	<b>10,000</b>	<b>+18</b>

## Other Asia: synthetic fiber<sup>1)</sup> production <sup>2)</sup> 2002

Country	1000 tons	± %
India	1,690	+8
Indonesia	1,022	-1
Thailand	841	+9
Pakistan	520	-3
Malaysia	431	±0
Iran	168	+24
Saudi Arabia	103	+7
Israel	26	+18
Bangladesh	15	+14
Singapore	9	+12
Philippines	9	+6
Sri Lanka	5	+26
<b>Total</b>	<b>4,839</b>	<b>+5</b>

Source: Fiber Organon, Arlington/USA

<sup>1)</sup> excl. polyolefines (PP, PE)

<sup>2)</sup> staple fiber and filament yarns

## PR China: Nonwovens production by technology 2002

	1000 tons	Share (%)
Needle felts	180	23
Spunbonds	171	27
Chemical bonding	120	19
Thermobonding	110	17
Spunlace	22	3
Airlaid	15	2
Meltblown nonwovens	10	2
Wet-laid	5	1
Total	633	100

## PR China: production of chemical fibers 2002

	1000 tons	± %
<b>Synthetics</b>		
Polyester filament yarns	4,770	+23
Polyester staple fibers	2,951	+25
Polyamide filament yarns	475	+13
Polyamide staple fibers	29	+19
Acrylic fibers	594	+11
PP filament yarns	508	+4
PP staple fibers	53	+4
PP film fibers	384	+4
<b>Cellulosics</b>		
Staple fibers	522	+8
Filament yarns	160	+28
Acetat filter tow	57	±0
<b>Total</b>	<b>10,565</b>	<b>+19</b>
<b>Glass fibers</b>	<b>90</b>	<b>+34</b>
<b>Grand total</b>	<b>10,665</b>	<b>+19</b>

Source: Fiber Organon, Arlington/USA





## World production of polyolefin fibers

	2000	2001	2002	02/01 ±%
Yarns <sup>1)</sup>	2,406	2,677	2,694	+0,6
Staple fiber	1,189	1,212	1,300	+7,3
Film fiber	2,142	1,909	1,918	+0,5
Total	5,376	5,798	5,913	+2,0

Source: Fiber Organon, Arlington/USA, June 2003

<sup>1)</sup> Monofils, multifilament yarns, spunbonds  
(excl. meltblown nonwovens)



## Weltkapazität für Lyocelfasern 2004

Firma/Land	t/Jahr
Tencel Ltd. Mobile/USA	40.000
Grimsby/UK	45.000
Lenzing Lyocell GmbH, Heiligenkreuz/A	40.000
Baoding/VR China (2005)	30.000
Alceru Schwarza GmbH Rudolstadt/D (Pilotanlagen)	300 (Staple) 9 (Filament)
Hanil Synthetic fiber, Masan/Korea	6.000
Formosa Chemicals & Fibre Corp., Taiwan	n.a.

## PR China: spunbond production 2002

Province	Plants	Lines	Output (tons)
Guangdong	12	20	60,640
Zhejiang	12	17	32,760
Liaoning	6	8	16,780
Shandong	4	4	11,640
Hebei	3	4	9,310
Shanghai	3	4	8,070
Jigansu	3	6	6,800
Fujian	2	2	5,000
Jilin	1	2	4,570
Henan	2	3	4,400
Hunan	1	1	3,200
Hubei	1	1	2,300

Source: Textile Asia, May 2003