

# brilen

High tenacity polyester yarns



## PILOT PLANT

[brilen.com](http://brilen.com)

2026, BRILEN.

The data contained in this manual are for general information purposes only. While they reflect the state of knowledge at the time of issue, BRILEN does not give any guarantee in respect thereof and accepts no liability for deviations exhibited by their products.

# SPECIALTIES BY POLYMER

Recycled PES or other polymers could be spin in our pilot plant, project based.

## POLYAMIDE 6 & POLYAMIDE 6.6

Type	Titer/Filaments	Tenacity (cN/tex)	Elongation (%)	SHA (%)
PA6 HIGH TENACITY	940/136	87	23	9
PA6 HIGH SHA	940/136	80	21	10
PA6 SPUN DYED	940/136	81	21	8
PA6 HIGH TENACITY	1880/272	86	24	9
PA66	460/136	95	19	7,5
PA66	770/140	95	19	7,5
PA66	1100/136	95	19	7,5

\*SHA analysed with LENZING (160°, 30 min and pretension: 51 gr.)

## POLYPROPYLENE

Type	Titer/Filaments	Tenacity (cN/tex)	Elongation (%)	SHA (%)
PP 450/72	450/72	60	20	10
PP 700/72	700/72	60	25	10
PP 1350/144	1350/144	60	22	10

\*SHA analysed with LENZING (150°, 2 min and pretension: 75 gr.)

# SPECIALTIES BY ADDITIVES

Chemical products can be added on the yarn during our spinning process to give special and customized properties to our products, such as:

**LOWICK FLUOR FREE**

**SPUN DYED COLOUR**

**FOOD CONTACT REGULATION**

**FLAME RETARDANCY**

**POLYESTER SEMIDULL**

**UV PROTECTION**

**BIODEGRADABLE**

**INFRA RED**

**RECYCLED**

**OTHERS**



This versatile pilot plant gives us **ENDLESS POSSIBILITIES** for development and research.

Any special request on properties, spool format or certification could be available under request. Please, contact our commercial team for your inquiries and projects.