

Polypropylene staple fibers **TREVON**

(overview of the most often produced types and their characteristics)

Type of fiber - mark	Average tenacity [cN/dtex]	Average elongation [%]	Number of crimps [1/10 mm]	Standard fineness [dtex]
TPS	1,6-2,5	min. 250	6 - 12	2,2 - 6,7
TPS B	2,5-3,5	min. 120	4 - 10	3,5 - 6,7
Cotton	min. 3,5	70-110	5 - 9	1,5 – 3,9
Cotton V	min. 4,0	60-90	5 - 9	1,5 – 3,9
Cotton W	min. 4,5	40-80	5 - 9	1,5 – 3,9
Geo	min. 3,5	70-110	3 - 7	3,3 - 11,0
GeoV	min. 4,0	60-90	3 - 7	3,3 - 11,0
GeoW	min. 4,5	40-80	3 - 7	3,3 - 11,0
PKH	min. 3,5	70-110	5 - 9	1,5
Stavon	min. 3,0	min. 50	no crimps	2,2 6,7 (18 μm 32 μm)

Of course it is possible to customize all these parameters to your needs.

- Cut lenght for all mentioned types TPS, Cotton, Geo and PKH - 30, 40, 50, 60, 75, 90, 120 mm. Cut lenght for type Stavon - 4, 8, 12 mm.
- Colour fibers according to the company sample book (colour chart) or according to the sample delivered by customer.
- UV stabilisation, flame retardation, antibacterial effect and others according to the requirement of customer

Explanatory notes:

TPS	fibers suitable for thermobonding process (for hygienic products,)
Cotton	fibers for spinning or needlepunching
Geo	fibers appropriate mainly for needlepunched geotextiles
PKH	high shrinkage fibers – shrinkage 30-40% (for synthetic leather,.....)
Stavon	short staple fibers to the concrete and mortar mixtures