

Polyamide / Nylon

TP Industrial Yarns		Polyamide 6 / Nylon 6									
Polyamide 6 / Nylon 6		Density / Filaments			Tensile Properties				Mechanical / Physical Properties		
		Dtex	Denier	Number of Filaments	Breaking strength (N) ≥	Breaking strength LBF	Tenacity cN/Dtex ≥	Tenacity G/D ≥	Elongation at Break	Hot Air Shrinkage %	
High Tenacity White	Type 552	940	855	140	76	17,1	8,1	9,2	18 - 24	≤ 9	
		1440	1309	210	108	26,3	8,0	9,1	18 - 24	≤ 9	
		1870	1700	280	152	34,2	8,1	9,2	18 - 24	≤ 9	
High Tenacity White	Type 793	940	855	140	72	16,2	7,6	8,6	23 ± 3	≤ 7	
		1440	1309	210	112	25,2	7,8	8,8	23 ± 3	≤ 7	
		1870	1700	280	145	32,6	7,6	8,6	23 ± 3	≤ 7	
High Tenacity Black	Type 797	940	855	140	62	13,9	6,5	7,4	24 ± 3	≤ 7	
		1440	1309	210	93	20,9	6,5	7,4	24 ± 3	≤ 7	
		1870	1700	280	123	27,7	6,5	7,4	24 ± 3	≤ 7	

TP Industrial Yarns		Polyamide 6.6 / Nylon 6.6									
Polyamide 6.6 / Nylon 6.6		Density / Filaments			Tensile Properties				Mechanical / Physical Properties		
		Dtex	Denier	Number of Filaments	Breaking strength (N) ≥	Breaking strength LBF	Tenacity cN/Dtex ≥	Tenacity G/D ≥	Elongation at Break	Hot Air Shrinkage %	
High Tenacity White	Type 800	940	855	140	77	17,3	8,2	9,3	19 ± 3	5,5 ± 1,5	
		1440	1309	210	116	26,1	8,2	9,3	19 ± 3	5,5 ± 1,5	
		1870	1700	280	154	34,6	8,2	9,3	19 ± 3	5,5 ± 1,5	

Detailed information per type and density available upon request.

For the above materials, TP Industrial Yarns offers customized coating, multiplying and twisting services tailored to your requirements. Please contact your dedicated account manager to receive more information about our services.



Endless combinations

We can provide you with a combination suited for every application.



Hybrid constructions

Think of any hybrid construction and we can provide you with it.



Extraordinary performance

Our premium yarns are stronger and easier to handle than ever before.



Made in Holland

Manufactured completely in-house to ensure highest quality standards in the market.



Tested with Instron

Tested according to existing industrial standards to guarantee outstanding performance.



Fully customizable

Select twisting, plying, coatings, hybrid constructions and color to perfect your application.