

TITAN - HMPE White

TP Industrial Yarns								Technical specifications		
Density / Filaments				Tensile Properties					Mechanical / Fysical Properties	
Density		Margin [%] ≤	Number of Filaments	Breaking Strength ≥		Tenacity ≥		Elongation at Break [%] ≤	Modulus [cN/dTex] ≥	Melting Point [°C]
[dTex]	[Den]			[N]	[lbf]	[cN/dTex]	[g/Den]			
Type 890										
1760	1600	6	560	552	124	33.0	37.4	5.0	1100	144
Type 870										
1760	1600	5	480	552	124	33.0	37.4	4.0	1300	144
Type 860										
1760	1600	6	720/1056	496	112	30.0	34.0	4.0	1100	147
Type 850										
110	100	5	36	33	8	32.0	36.2	4.0	1100	145
220	200	5	120	65	15	31.0	35.1	4.0	1050	145
440	400	5	240	125	28	30.0	34.0	4.0	1050	145
660	600	5	240	188	42	30.0	34.0	4.0	1000	145
880	800	5	480	251	56	30.0	34.0	4.0	1000	145
1320	1200	5	720	376	85	30.0	34.0	4.0	950	145
1760	1600	5	960	502	113	30.0	34.0	4.0	850	145
Type 840										
1760	1600	4	1380	522	117	30.9	35.0	4.0	1150	
Type 830										
1760	1600	5	480	518	117	31.0	35.1	4.0	1100	144
Type 810										
880	800	5	280	282	63	32.0	36.2	5.0	1000	145
1760	1600	5	560	563	127	32.0	36.2	5.0	1000	145

*Please note: specific test methods apply.

*Available in range: 110-1760 dTex.

*Higher Tenacity yarn available upon request.



Endless
combinations



Extraordinary
performance



Tested with
Instron



Fully
customizable



Everything
in-house



Solution
dyed