

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										
880	800	5	240	293	66	35.0	39.6	4.0	1300	144
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
2640	2400	6	1056/1586	695	156	28.0	31.7	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
1670	1500	5	960	476	107	30.0	34.0	4.0	850	145
1760	1600	5	960	502	113	30.0	34.0	4.0	850	145
1980	1800	5	960	564	127	30.0	34.0	4.0	850	145
2640	2400	5	1440	727	164	29.0	32.8	4.0	750	145
Type 840										
1760	1600	4	1380	522	117	30.9	35.0	4.0	1150	
Type 830										
220	200	5	120/200	67	15	32.0	36.2	4.0	1100	144
1760	1600	5	480	518	117	31.0	35.1	4.0	1100	144



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