



## PAN CARBON FIBER SPECIFICATION SHEET

### PCF

Fiber	Brand	Tow	Filaments	Tex (g/1000m)	Tensile Strength		Tensile Modulus		Elongation (%)	Density (g/cm <sup>3</sup> )	Diameter (μ)
					Ksi	Mpa	Msi	Gpa			
TC-33	TAIRYFIL	3K	3,000	200	500	3,450	33	230	1.5	1.8	7
TC-33	TAIRYFIL	6K	6,000	400	500	3,450	33	230	1.5	1.8	7
TC-33	TAIRYFIL	12K	12,000	800	500	3,450	33	230	1.5	1.8	7
TC-35	TAIRYFIL	12K	12,000	800	580	4,000	35	240	1.6	1.8	7
TC-35	TAIRYFIL	18K	18,000	1000	580	4,000	35	240	1.6	1.8	6.5
TC-36	TAIRYFIL	3K	3,000	180	680	4,680	36	250	1.9	1.81	6.5
TC-36	TAIRYFIL	6K	6,000	360	680	4,680	36	250	1.9	1.81	6.5
TC-36	TAIRYFIL	12K	12,000	800	680	4,680	36	250	1.9	1.81	7
TC-36S	TAIRYFIL	18K	18,000	800	710	4,890	36	250	2.0	1.81	5.6
TC-42	TAIRYFIL	6K	6,000	260	710	4,890	42	290	1.7	1.8	5.7
TC-42	TAIRYFIL	12K	12,000	520	710	4,890	42	290	1.7	1.8	5.7
C30 T050 EPY	SGL CARB	50K	50,000	3,500	580	4,000	35	240	1.6	1.8	7

\* Please refer to original company specification sheets for additional details.

\*\* Additional fibers may be available upon request.