

HIGH-PERFORMANCE CARBON FIBER  
**TORAYCA**

**TYPICAL FIBRE PROPERTIES**

Fiber Type	Number of filaments	Tensile Strength* MPa	Tensile Modulus* GPa	Elongation* %	Mass per Unit Length Tex (g/1000m)	Density g/cm <sup>3</sup>
FT300/ T300	1000	3530	230	1.5	66	1.76
	3000				198	
	6000				396	
T300J	3000	4210	230	1.8	198	1.78
	6000				396	
T400H	3000	4410	250	1.8	198	1.80
	6000				396	
T620SC	24000	4300	235	1.8	1850	1.77
T700SC	12000	4900	230	2.1	800	1.80
	24000				1650	
T700GC	12000	4900	240	2.0	800	1.78
T710SC	24000	4700	265	1.8	1625	1,71
T720SC	36000	5880	265	2.2	1650	1.80
T800H	6000	5490	294	1.9	223	1.81
	12000				445	
T800SC	24000	5880	294	2.0	1040	1.80
T1000G	12000	6370	294	2.2	485	1.80
M35J	6000	4510	343	1.3	225	1.75
	12000	4700		1.4	450	
M40J	6000	4400	377	1.2	225	1.77
	12000				450	
M46J	6000	4200	436	1.0	223	1.84
	12000	4020		0.9	445	
M50J	6000	4120	475	0.9	216	1.88
M55J	6000	4020	540	0.8	218	1.91
M60J	3000	3820	588	0.7	103	1.93
	6000				206	
M30S	18000	5490	294	1.9	760	1.73
M40	6000	2740	392	0.7	364	1.81
	12000				728	

\*Measured using the impregnated strand test method.  
This information can be used just for material selection purpose.

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