

## 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>	Electric Resistivity 10 <sup>-3</sup> Ωcm
<b>FT300/ T300</b>	1000 3000 6000 12000	3530	230	1.5	66 198 396 800	1.76	1.7
<b>T300J</b>	3000 6000 12000	4210	230	1.8	198 396 800	1.78	1.5
<b>T400H</b>	3000 6000	4410	250	1.8	198 396	1.80	1.6
<b>T600S</b>	24000	4140	230	1.8	1700	1.79	-
<b>T700S</b>	12000 24000	4900	230	2.1	800 1650	1.80	1.6
<b>T700G</b>	12000 24000	4900	240	2.0	800 1650	1.78	-
<b>T800H</b>	6000 12000	5490	294	1.9	223 445	1.81	1.4
<b>T800S</b>	24000	5880	294	2.0	1040	1.80	-
<b>T1000G</b>	12000	6370	294	2.2	485	1.80	1.4
<b>M35J</b>	6000 12000	4700	343	1.4	225 450	1.75	1.1
<b>M40J</b>	6000 12000	4410	377	1.2	225 450	1.77	1.0
<b>M46J</b>	6000 12000	4210	436	1.0	223 445	1.84	0.9
<b>M50J</b>	6000	4120	475	0.8	216	1.88	0.9
<b>M55J</b>	6000	4020	540	0.7	218	1.91	0.8
<b>M60J</b>	3000 6000	3820	588	0.6	100 200	1.94	0.7
<b>M30S</b>	18000	5490	294	1.9	745	1.73	1.2
<b>M40</b>	1000 6000 12000	2740	392	0.7	61 364 728	1.81	0.8

\* Measured using the impregnated strand test method.

This information can be used just for material selection purpose.