

	Tensile strength (MPa)	Young's modulus (GPa)	Fiber elongation (%)	Density	Remarks
PVA fiber	880~1600	25~40	6~10	1.30	-
PP fiber	600	5	25	0.91	Floats in water
Nylon fiber	750~900	3.4~4.9	13~25	1.10	-
Polyethylene fiber	250~700	1.4~2.2	10~15	0.95	-
High performance polyethylene fiber	2700	120	5	0.97	Expensive
Steel fiber	1200	200	3~4	7.85	Heavy, rusts
AR glass fiber	2200	80	0~4	2.78	Weak in alkali
Asbestos	620	160	-	2.55	Health risky