

Common carbon fiber properties

Manufacturer	Model Number	Strength (Ksi)	Modulus (Msi)
Graphil/Mitsubishi Rayon	34-700	650	34
Graphil/Mitsubishi Rayon	42-650(MR40)	640	42
Graphil/Mitsubishi Rayon	56-700(HR40)	700	55
Graphil/Mitsubishi Rayon	64-650(HS40)	640	66
Graphil/Mitsubishi Rayon	AS30	460	30
Graphil/Mitsubishi Rayon	TR30	510	34
Graphil/Mitsubishi Rayon	TR30S	640	34
Graphil/Mitsubishi Rayon	TR40	680	34
Graphil/Mitsubishi Rayon	MR40S	700	43
Graphil/Mitsubishi Rayon	MR50K	800	43
Graphil/Mitsubishi Rayon	MS40	700	50
Graphil/Mitsubishi Rayon	SR40	610	71
Graphil/Mitsubishi Rayon	TR50	700	34
Dialead	K1352U	530	90
Dialead	K1392U	540	110
Dialead	K13B2U	550	120
Dialead	K13C2U	550	130
Dialead	K13D2U	535	135
Dialead	K13710	380	92
Dialead	K13A10	380	114
Dialead	K13B10	380	125
Amoco	P-25	200	23
Amoco	P-55S	275	55
Amoco	P-75	300	75
Amoco	P-100	350	110
Amoco	P-100S	300	110
Amoco	P-100HTS	525	105
Amoco	P-120	350	120
Amoco	P-120-S	325	120
Amoco	T-40	820	42
Amoco	T-50	420	57
Amoco	T-300	530	34
Amoco	T-650/35	620	37
Amoco	T-650/42	670	42
Hexcel	AS4C	560	33
Hexcel	AS4D	610	35
Hexcel	IM4	600	40
Hexcel	AS4	570	32
Hexcel	IM6	760	40

Hexcel	IM7	780	40
Hexcel	IM8	790	44
Hexcel	IM9	920	42
Hexcel	UHM	500	64
Akzo Nobel	555	550	33
Zoltek	33	550	33
Toray	T300	514	33
Toray	T300J	611	33
Toray	T400H	640	36
Toray	T700S	711	33
Toray	T800H	796	43
Toray	T1000G	924	43
Toray	M35J	683	50
Toray	M40J	640	55
Toray	M46J	611	63
Toray	M50J	597	69
Toray	M55J	583	78
Toray	M60J	555	85
Toray	X665	490	92
Toray	M30	569	43
Toray	M40	398	57
Toray	M30S	796	43