Note	Resin Type	Manufacturer	Part Number	Retailer	Tensile strength, neat resin, PSI	Tensile modulus, neat resin, PSI	Elongation, neat resin	Heat deflection/distortion temp, F	Flexural/ Bending strength, neat resin PSI @77F	Flexural/Bending modulus neat resin @77F	LAMINATE Flexural/ Bending strength, PSI @77F	LAMINATE Flexural/Bending modulus @77F, PSI	LAMINATE TENSILE strength, PSI @200F	LAMINATE TENSILE modulus @200F	viscosity, Cps, lower usually better	Figure of merit, elongation x bending strength at 77F
	Typical test spec				ASTM D638	ASTM D638	ASTM D638	ASTM D648	ASTM D790	ASTM D790	ASTM D790	ASTM D790	ASTM D638	ASTM D638		(proxy for toughness)
1	Orthopthalic Polyester	Interplastic Corp	COR60-AA-1213		9,000	521,000	2%	158	17,500	500,000	n/a	n/a	above heat deflection temp	above heat deflection temp		350
2	Isopthalic Polyester	Interplastic Corp	COR75-AQ-001		9,500	540,000	1.40%	216	18,500	520,000	n/a	n/a	n/a	n/a		259
3	Isopthalic Polyester	Fibre Glast	90	online	9,300	590,000	2.40%	225	16,600	520,000	19,900	1,630,000	25,000	1,380,000	450-650	398
4	Epoxy Vinylester	Fibre Glast	1110	online	12,000	540,000	4.60%	209	19,000	500,000	20,600	1,380,000	26,500	1,750,000	275	874
5	Epoxy Vinylester	Interplastic Corp	VE8300		11,500	450,000	5.00%	210	19,000	450,000	n/a	n/a	n/a	n/a		950
6	Epoxy Vinylester	AOC	F010-TBN-28	Mertons	12,800	460,000	6.20%	248	22,000	500,000	21,000	2,000,000	21,000	1,760,000	500	1,364
7	Epoxy	West System	105/205	West Marine	7,900	408,000	3.40%	118	14,100	461,000	n/a	2,100,000	above heat deflection temp	above heat deflection temp	975	479
8	Epoxy	West System	105/206	West Marine	7,320	460,000	4.50%	123	11,810	450,000	n/a	n/a	above heat deflection temp	above heat deflection temp	725	531
9	Epoxy	Fibre Glast	2000 /2020	online	data for laminate only, it seems										950-975	-
10	Epoxy	Fibre Glast	2000/2060	online	9,828	418,525	1.90%	Glass transition temp= 196F, this must be lower-160F?	16,827	520,000	data for 55% fiber by volume, not 40%	data for 55% fiber by volume, not 40%	data for 55% fiber by volume, not 40%	data for 55% fiber by volume, not 40%	900-950	320
11	Epoxy	System 3	SilverTip	online	7,900	390,000	8.00%	128	13,000	420,000	n/a	n/a	n/a	n/a	650-675	1,040

Note		
1		
2		
3		
4	http://cdn.fibreglast.com/downloads/00061-D.pdf	
5		
6	Post cure 2 hours at 160-200F	
7		
8		
9	http://cdn.fibreglast.com/downloads/00343-A.pdf	post cure 120-130F
10	http://cdn.fibreglast.com/downloads/00343-A.pdf	post cure 120-130F
11	http://www.systemthree.com/reslibrary/tds/Silvertip_C&L_Resin_TDS.pdf	Lists max use temp =160F, despite heat deflection at 128F