

	Density	Core Shear		Core Compressive		Flatwise Tensile	Flexural Properties		Water Absorption
	ASTM C271	ASTM C273		ASTM C365		ASTM C297	ASTM D790		ASTM C272
	(lb/Ft ³) / (kg/m ³)	Strength (psi) / (MPa)	Modulus (psi) / (MPa)	Strength (psi) / (MPa)	Modulus (psi) / (MPa)	Strength (psi) / (MPa)	Strength (psi) / (MPa)	Modulus (psi) / (MPa)	%by Weight
Bluewater 26									
0.50" / 12 mm	26 / 416	550 / 3.8	2,050 / 14.1	800 / 5.5	13,980 / 96.4	690 / 4.8	5,260 / 36.3	265,300 / 1,829	1.1
0.75" / 20 mm	26 / 416	530 / 3.7	4,220 / 29.1	820 / 5.7	11,810 / 81.4	480 / 3.3	4,960 / 34.2	242,900 / 1,675	
1.50" / 38 mm	26 / 416	520 / 3.6	6,300 / 43.4	1,060 / 7.3	31,050 / 214.1	510 / 3.5	4,010 / 27.6	215,100 / 1,483	
Bluewater 20									
0.50" / 12 mm	20 / 320	410 / 2.8	3,640 / 25.1	510 / 3.5	9,150 / 63.1	380 / 2.6	3,860 / 26.6	188,700 / 1,301	
0.75" / 20 mm	20 / 320	420 / 2.9	4,660 / 32.1	410 / 2.8	7,270 / 50.1	440 / 3.0	2,830 / 19.5	166,000 / 1,145	
1.50" / 38 mm	20 / 320	500 / 3.5	6,360 / 43.8	660 / 4.6	19,460 / 134.2	570 / 3.9	2,750 / 19.0	135,000 / 931	
Nautical 24									
0.50" / 12 mm	24 / 384	650 / 4.5	3,990 / 27.5	980 / 6.8	16,830 / 116.0	550 / 3.8	3,430 / 23.6	114,700 / 791	0.75
0.75" / 20 mm	24 / 384	630 / 4.3	5,630 / 38.8	630 / 4.3	9,330 / 64.3	660 / 4.6	2,910 / 20.1	99,100 / 683	
Nautical 20									
0.50" / 12 mm	20 / 320	450 / 3.1	2,970 / 20.5	600 / 4.1	13,340 / 92.0	600 / 4.1	2,700 / 18.6	91,700 / 632	
0.75" / 20 mm	20 / 320	510 / 3.5	3,740 / 25.8	740 / 5.1	15,710 / 108.3	630 / 4.3	2,430 / 16.8	71,800 / 495	
1.50" / 38 mm	20 / 320	420 / 2.9	5,220 / 36.0	530 / 3.7	19,390 / 133.7	520 / 3.6	2,310 / 15.9	75,200 / 519	
Nautical 15									
0.50" / 12 mm	15 / 240	410 / 2.8	2,680 / 18.5	400 / 2.8	7,130 / 49.2	340 / 2.3	2,220 / 15.3	83,900 / 578	

*ASTM D790 - 3 point Bending, L/D-16/1

Important! The information and data presented herein are based upon information reasonably available to Coosa Composites from independent testing labs at the time of publication and are presented in good faith, but are not to be construed as guarantees or warranties, express or implied, regarding performance, results to be obtained from use, comprehensiveness, and merchantability. You should thoroughly test any application, and independently determine satisfactory performance before commercialization or use.