

	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	Modulus	Strength	Modulus	Strength	Strength	Modulus	%by Weight
		(psi) / (MPa)	(psi) / (MPa)	(psi) / (MPa)	(psi) / (MPa)	(psi) / (MPa)	(psi) / (MPa)	(psi) / (MPa)	
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

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