

	Density	Core Shear		Core Compressive		Flatwise Tensile	Flexural Properties	
	ASTM C271	ASTM C273		ASTM C365		ASTM C297	ASTM D790	
	(lb/ft <sup>3</sup> ) / (kg/m <sup>3</sup> )	Strength (psi) / (MPa)	Modulus (psi) / (MPa)	Strength (psi) / (MPa)	Modulus (psi) / (MPa)	Strength (psi) / (MPa)	Strength (psi) / (MPa)	Modulus (psi) / (MPa)
<b>Bluewater 20</b>								
0.50" / 12 mm	20 / 320	410 / 2.83	3,640 / 25.10	510 / 3.52	9,150 / 63.09	380 / 2.62	3,860 / 26.61	188,700 / 1,301.04
0.75" / 20 mm	20 / 320	420 / 2.90	4,660 / 32.13	410 / 2.83	7,270 / 50.12	440 / 3.03	2,830 / 19.51	166,000 / 1,144.53
1.50" / 38 mm	20 / 320	500 / 3.45	6,360 / 43.65	660 / 4.55	19,460 / 134.17	570 / 3.93	2,750 / 18.96	135,000 / 930.79
<b>Bluewater 26</b>								
0.50" / 12 mm	26 / 416	550 / 3.79	2,050 / 14.13	800 / 5.52	13,980 / 96.39	690 / 4.76	5,260 / 36.27	265,300 / 1,829.18
0.75" / 20 mm	26 / 416	530 / 3.65	4,220 / 29.10	820 / 5.65	11,810 / 81.43	480 / 3.31	4,960 / 34.20	242,900 / 1,674.74
1.50" / 38 mm	26 / 416	520 / 3.59	6,300 / 43.44	1,060 / 7.31	31,050 / 214.08	510 / 3.52	4,010 / 27.65	215,100 / 1,483.06
<b>Nautical 15</b>								
0.50" / 12 mm	15 / 240	410 / 2.83	2,680 / 18.48	400 / 2.76	7,130 / 49.16	340 / 2.34	2,220 / 15.31	83,900 / 578.47
<b>Nautical 20</b>								
0.50" / 12 mm	20 / 320	450 / 3.10	2,970 / 20.48	600 / 4.14	13,340 / 91.98	600 / 4.14	2,700 / 18.62	91,700 / 632.25
0.75" / 20 mm	20 / 320	510 / 3.52	3,740 / 25.79	740 / 5.10	15,710 / 108.32	630 / 4.34	2,430 / 16.75	71,800 / 495.04
1.50" / 38 mm	20 / 320	420 / 2.90	5,220 / 35.99	530 / 3.65	19,339 / 133.34	420 / 2.90	2,310 / 15.93	75,200 / 518.49
<b>Nautical 24</b>								
0.50" / 12 mm	24 / 384	650 / 4.48	3,990 / 27.51	980 / 6.76	16,830 / 116.04	550 / 3.79	3,430 / 23.65	114,700 / 790.33
0.75" / 20 mm	24 / 384	630 / 4.34	5,630 / 38.82	630 / 4.34	9,330 / 64.33	660 / 4.55	2,910 / 20.06	99,100 / 683.27

\*ASTM D790 - 3 point Bending, L/d=16/1

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