Table 6 Mechanical properties of marine steel grade A

Parameter	Value	Unit
Poisson's Ratio (ν)	0.28	-
Young's Modulus (E)	2.10×10^{5}	N/mm^2
Density (ρ)	7.8×10^{-9}	ton/mm^3
Gravity (g)	9.81×10^{3}	mm/s^2