

Steel Grade	Chemical Composition %				Mechanical Properties		
					Upper Yield Strength	Tensile Strength	Elongation
Steel Name	C max	Mn max	P max	S max	R _{eH} min (MPa)	R _m (MPa)	A min %
S235	0.20	1.40	0.035	0.035	235	360 to 510	24