

TYPE	TANDAR	GRADE	thickness : t mm.	CHEMICAL COMPOSITION (max)											Tension Test					OTHER TEST		
				C	Si	Mn	P	S	Cu ¹⁾ min	N	Nb	V	OTHER ELEMENTS	Yield Point _{min}		Tensile Strength		Elongation _{min}				
														thick : t mm.	Kgf / mm ² [MPa, N / mm ²] (ksi)	thick : t mm.	Kgf / mm ² [MPa, N / mm ²] (ksi)	thick : t mm.	Transverse			
Low and Intermediate Tensile Strength Carbon Steel Plate	ASTM A283 (2003) Reapproved 2007	A	t ≤ 40	0.14	0.40	0.90	0.035	0.040	0.20	-	-	-	-	-	All	17 [165] (24)	All	32 - 42 [310 - 415] (45- 60)	All ²⁾	27	Supplement ary requiremen ts shall not apply unless specified in the purchase order.	
			t > 40		0.15-0.40													35 - 46 [345 - 450] (50-65)				25
		B	t ≤ 40	0.17	0.40													21 [205] (30)		39 - 52 [380 - 515] (55- 75)		22
			t > 40		0.15-0.40																	
		C	t ≤ 40	0.24	0.40													20		22		
			t > 40		0.15-0.40																	
		D	t ≤ 40	0.27	0.40													20		22		
			t > 40		0.15-0.40																	