

COUNTRY	STANDART	QUALITY	% C max.	% Mn max.	% Si max.	% P max.	% S max.	% N max.
TÜRKİYE	TS 708 (1996) (1998)	I-a	0.25			0.050	0.050	
		III-a*	0.40			0.050	0.050	
		III-a*/sismik				0.050	0.050	
		IV-a	0.22			0.050	0.050	0.012
TÜRKİYE	TS 708/2016	S 220 (plain)	0.25			0.050	0.050	
		S 420	0.45			0.050	0.050	
		B 420B	0.22			0.050	0.050	0.012
		B 420C (Sismik)	0.22			0.050	0.050	0.012
		B 500B	0.22			0.050	0.050	0.012
		B 500C	0.22			0.050	0.050	0.012
İSRAİL	SI 4466 PART 3	S 400	0.38			0.050	0.050	
		S 400 W (D class)	0.24			0.050	0.050	
		S 500 W (C class)	0.24			0.050	0.050	
		S 500 W (D class)	0.24			0.050	0.050	
								P+S = MAX. 0.080
USA	ASTM A 615/09b A 615M/09b	GR 40				0.060	0.050	
		GR 60*				0.060	0.050	
		GR 75				0.060	0.050	
		GR 80				0.060	0.050	
USA	ASTM A 706/09b A 706M	GR 60	0.30	1.5	0.5	0.035	0.045	
		GR 80	0.30	1.5	0.5	0.035	0.045	
İNGİLTERE	BS 4482 : 2005	GR 250	0.22			0.05	0.05	0.012
	BS 4449 : 1997	GR 250	0.25			0.06	0.06	0.012
	BS 4449 : 1997	GR 460	0.25			0.05	0.05	0.012
	BS 4449 : 2005	B500B	0.22			0.05	0.05	0.012
	BS 4449 : 2005	B500C	0.22			0.05	0.05	0.012

% Cu max.	% CE max.	(Akma muk.) Re : N/mm2 ( Kg/mm2)	(Çekme muk.) Rm : N/mm2 ( Kg/mm2)	Rm / Re	(Uzama) %
		220 ( 22.4 )	340 (34.7)	1.20	18 ( Lo= 10Xd)
		420 ( 42.8 )	500 ( 51.0 )	1.10	8-28 (mm) ; 12
		420 ( 42.8 )-546 (55.69)	500 ( 51.0 )	1.15	8-28 (mm) ; 12
	0.50	500 ( 51.0 )	550 ( 56.1 )	1.08	32-50 (mm) ; 10
		220 ( 22.44)	340 (34.68)	1.20	18 (Lo=5d)
		420 ( 42.8 )-546 (55.69)	500 ( 51.0 )		10 (Lo=5d)
0.8	0.50	420 ( 42.8 )	Re x 1.08		12 (Lo=5d) // %Agt Min. 5
0.8	0.50	420 ( 42.8 )-546 (55.69)	Re x 1.15	≥1,15, <1,35	12 (Lo=5d) // %Agt Min. 7.5
0.8	0.50	500 ( 51.0 )	Re x 1.08		12 (Lo=5d) // %Agt Min. 5
0.8	0.50	500 ( 51.0 ) - 650 (66.3)	Re x 1.15	≥1,15, <1,35	12 (Lo=5d) // %Agt Min. 7.5
	0.60	400 ( 40.8 ) - 520 (53.1)	500 ( 51 )	1.25	12 ( Lo = 10xd )
	0.55	400 ( 40.8 ) - 520 (53.1)	500 ( 51 )	1.25	12 ( Lo = 10xd )
	0.50	500 ( 51.0 ) - 650 (66.3)	600 (61.16)	≥1.15, <1.35	11 (Lo=5d) // %Agt Min. 7.5
	0.50	500 ( 51.0 ) - 650 (66.3)	600 (61.16)	≥1.25, <1.45	12 (Lo=5d) // %Agt Min. 7.5

		( 40.000 )Psi 280 (28.6)	( 60.000 )Psi 420 (42.84)		<u>Bar No</u> % 3            11 4, 5, 6,7,8    12
		( 60 000 )Psi 420 ( 42.8)	( 90 000 )Psi 620 (63.3)		3,4,5,6    9 7, 8        8 9,10,11    7
		( 75 000 )Psi 520 ( 53.04)	( 100 000 )Psi 690 (70.38)		3,4,5,6,7,8    7 9,10,11,14    6
		( 80 000 )Psi 550 ( 56.1)	( 105 000 )Psi 725 (73.95)		3,4,5,6,7,8    7 9,10,11,14    6
	0.55	( 60000 )Psi 420 ( 42.8) ( 78000 )Psi 540 ( 55.08)	( 80000 )Psi 550 (56.1)	1.25	<u>Bar No</u> % 3,4,5,6        14 7,8,9,10,11    12 14,18         10
	0.55	( 80000 )Psi 550 ( 56.06) ( 98000 )Psi 675 ( 68.8)	( 100000 )Psi 690 (70.3)	1.25	<u>Bar No</u> % 3,4,5,6        12 7,8,9,10,11    12 14,18         10
0.80	0.42	250 ( 25.5 )	Re x 1.15	1.15	Agt % : 5 (min)
	0.42	250 ( 25.5 )	Re x 1.15	1.15	22 ( Lo= 5Xd)
	0.51	460 ( 46.92)	Re x 1.08	1.08	14 ( Lo= 5Xd)
0.80	0.50	500 ( 51.0 ) - 650 (66.3)	Re x 1.08	1.08	Agt % : 5 (min)
0.80	0.50	500 ( 51.0 ) - 650 (66.3)	Re x 1.15	≥1,15, <1,35	Agt % : 7.5 (min)