

ÜLKE	STANDART	KALİTE	% C max.	% Mn max.	% Si max.
TURKIYE	TS 708 (1996) (1998)	I-a	0.25		
		III-a*	0.40		
		III-a*/sismik			
		IV-a	0.22		
TURKIYE	TS 708/2016	S 220 (plain)	0.25		
		S 420	0.45		
		B 420B	0.22		
		B 420C (Sismik)	0.22		
		B 500B	0.22		
		B 500C	0.22		
İSRAİL	SI 4466 PART 3	S 400	0.38		
		S 400 W (D class)	0.24		
		S 500 W (C class)	0.24		
		S 500 W (D class)	0.24		
USA	ASTM A 615/09b A 615M/09b	GR 40			
		GR 60*			
		GR 75			
		GR 80			
USA	ASTM A 706/09b A 706M	GR 60	0.30	1.5	0.5
		GR 80	0.30	1.5	0.5
İNGİLTERE	BS 4482 : 2005	GR 250	0.22		
	BS 4449 : 1997	GR 250	0.25		
	BS 4449 : 1997	GR 460	0.25		
	BS 4449 : 2005	B500B	0.22		
	BS 4449 : 2005	B500C	0.22		

% P max.	% S max.	% N max.	% Cu max.	% CE max.	(Akma muk.) Re : N/mm2 (Kg/mm2)	(Çekme muk.) Rm : N/mm2 (Kg/mm2)
0.050	0.050				220 (22.4)	340 (34.7)
0.050	0.050				420 (42.8)	500 (51.0)
0.050	0.050				420 (42.8)-546 (55.69)	500 (51.0)
0.050	0.050	0.012		0.50	500 (51.0)	550 (56.1)
0.050	0.050				220 (22.44)	340 (34.68)
0.050	0.050				420 (42.8)-546 (55.69)	500 (51.0)
0.050	0.050	0.012	0.8	0.50	420 (42.8)	Re x 1.08
0.050	0.050	0.012	0.8	0.50	420 (42.8)-546 (55.69)	Re x 1.15
0.050	0.050	0.012	0.8	0.50	500 (51.0)	Re x 1.08
0.050	0.050	0.012	0.8	0.50	500 (51.0) - 650 (66.3)	Re x 1.15
0.050	0.050			0.60	400 (40.8) - 520 (53.1)	500 (51)
0.050	0.050			0.55	400 (40.8) - 520 (53.1)	500 (51)
0.050	0.050			0.50	500 (51.0) - 650 (66.3)	600 (61.16)
0.050	0.050			0.50	500 (51.0) - 650 (66.3)	600 (61.16)
P+S = MAX. 0.080						
0.060	0.050				(40.000)Psi 280 (28.6)	(60.000)Psi 420 (42.84)
0.060	0.050				(60 000)Psi 420 (42.8)	(90 000)Psi 620 (63.3)
0.060	0.050				(75 000)Psi 520 (53.04)	(100 000)Psi 690 (70.38)
0.060	0.050				(80 000)Psi 550 (56.1)	(105 000)Psi 725 (73.95)
0.035	0.045			0.55	(60000)Psi 420 (42.8) (78000)Psi 540 (55.08)	(80000)Psi 550 (56.1)
0.035	0.045			0.55	(80000)Psi 550 (56.06) (98000)Psi 675 (68.8)	(100000)Psi 690 (70.3)
0.05	0.05	0.012	0.80	0.42	250 (25.5)	Re x 1.15
0.06	0.06	0.012		0.42	250 (25.5)	Re x 1.15
0.05	0.05	0.012		0.51	460 (46.92)	Re x 1.08
0.05	0.05	0.012	0.80	0.50	500 (51.0) - 650 (66.3)	Re x 1.08
0.05	0.05	0.012	0.80	0.50	500 (51.0) - 650 (66.3)	Re x 1.15

Rm / Re	(Uzama) %
1.20	18 (Lo= 10Xd)
1.10	8-28 (mm) ; 12
1.15	8-28 (mm) ; 12
1.08	32-50 (mm) ; 10
1.20	18 (Lo=5d)
	10 (Lo=5d)
	12 (Lo=5d) // %Agt Min. 5
≥1,15, <1,35	12 (Lo=5d) // %Agt Min. 7.5
	12 (Lo=5d) // %Agt Min. 5
≥1,15, <1,35	12 (Lo=5d) // %Agt Min. 7.5
1.25	12 (Lo = 10xd)
1.25	12 (Lo = 10xd)
≥1.15, <1.35	11 (Lo=5d) // %Agt Min. 7.5
≥1.25, <1.45	12 (Lo=5d) // %Agt Min. 7.5

	<table border="1"> <thead> <tr> <th><u>Bar No</u></th> <th><u>%</u></th> </tr> </thead> <tbody> <tr> <td>3</td> <td>11</td> </tr> <tr> <td>4, 5, 6,7,8</td> <td>12</td> </tr> </tbody> </table>	<u>Bar No</u>	<u>%</u>	3	11	4, 5, 6,7,8	12		
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3,4,5,6	12								
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1.15	Agt % : 5 (min)								
1.15	22 (Lo= 5Xd)								
1.08	14 (Lo= 5Xd)								
1.08	Agt % : 5 (min)								
≥1,15, <1,35	Agt % : 7.5 (min)								