

REBAR PROPERTIES																
COUNTRY	STANDARD	GRADE	C(MAX)	Mn	Si	P(max)	S(max)	Cu(max)	N(max)	Ceq(max)	Yield Strength Re N/mm²	Tensile Strength Rm/mm²	Ratio Rm/Re	Elongation A5(%)		Elongation at Maximum Force Agt(%)
TÜRKİYE	TS 708/2016	B420C	22	-	-	50	50	80	12	50	420-546	-	1,15-1,35	12		75
		B500C	22	-	-	50	50	80	12	50	500-650	-	1,15-1,35	12		75
ENGLAND	BS4449:2005	B500B	22	-	-	50	50	80	12	50	500-650	-	108	-		5
USA	ASTM A615	GR40	-	-	-	6	5	-	-	-	280	420	-	Bar No (inc.)	%	-
														3	11	
														4, 5, 6, 7, 8	12	
		GR60	-	-	-	6	5	-	-	-	420	550	-	Bar No (inc.)	%	
														3, 4, 5, 6	9	
														7, 8	8	
														9, 10, 11	7	
	ASTM A706	GR60	3	15	5	35	45	-	-	55	420-540	550	125	Bar No (inc.)	%	-
														3, 4, 5, 6	14	
														7, 8, 9, 10, 11	12	
														14, 18	10	
IRAQ	IQS:2091	GR 400	-	-	-	5	5	-	-	-	400	600	115	Bar No (mm)	%	-
														8, 10, 12, 14, 16	9	
														20, 22, 24, 25	8	
														28, 30, 32	7	
ETHIOPIA	ES ISO 6935	B500BWR	22	-	-	50	50	-	12	50	500	-	108	14		5