

Calidad	Espesor (mm)	R _e (MPa)	R _m (MPa)	A ₈₀ (%)	A 5,65√S _o (%)	C (%)	Mn (%)	P (%)	S (%)
DD11 EN 10111	1,5 - 2,0	170 - 360	< 440	≥ 23	-				
	2,0 - 3,0	170 - 340		≥ 24		≤ 0.120	≤ 0.60	≤ 0.045	≤ 0.045
	3,0 - 11,0			-		≥ 28			
DD12 EN 10111	1,5 - 2,0	170 - 340	< 420	≥ 25	-				
	2,0 - 3,0	170 - 320		≥ 26		≤ 0.100	≤ 0.45	≤ 0.035	≤ 0.035
	3,0 - 11,0			-		≥ 30			
	11,0 - 16,0			-		-			
DD13 EN 10111	1,2 - 2,0	170 - 330	< 400	≥ 28	-				
	2,0 - 3,0	170 - 310		≥ 29		≤ 0.080	≤ 0.40	≤ 0.030	≤ 0.030
	3,0 - 11,0			-		≥ 33			
DD14 EN 10111	1,5 - 2,0	170 - 310	< 380	≥ 31	-				
	2,0 - 3,0	170 - 290		≥ 32		≤ 0.080	≤ 0.35	≤ 0.025	≤ 0.025
	3,0 - 8,0			-		≥ 36			