

Boiler plates



Quality	SA 516 Grade 70
Standard	ASME Code II Part A
Certification	3.1 or 3.2 EN10204
Heattreatment	Normalized / As rolled

Mechanical properties

Min. Yield (Mpa)	Min. Yield Rp 0,2 (Mpa)	Tensile strength (Mpa)	Min. Elongation -200%	Min. Elongation -50%	Min. Impact Energy (KV J longitudinal) -46°
260		485 - 620	17	21	20

Chemical composition

Thickness	C max.	Mn max.	P max.	S max.	Si max.
<= 12,5 mm	0.270	0,85 - 1,20	0.025	0.025	0,15 - 0,40
>12,5 - 50 mm	0.280	0,85 - 1,20	0.025	0.025	0,15 - 0,40
>50 - 100 mm	0.300	0,85 - 1,20	0.025	0.025	0,15 - 0,40
>100 - 200 mm	0.310	0,85 - 1,20	0.025	0.025	0,15 - 0,40
>200 mm	0.310	0,85 - 1,20	0.025	0.025	0,15 - 0,40

