



BOILER PLATES

QUALITY	SA 516 Grade 70
STEEL NUMBER	n.a.
NORM	ASME Code II Part A
CERTIFICATION	3.1 / 3.2 - EN 10204 / TCM
HEAT TREATMENT	as rolled / Normalized

Mechanical properties :

Min. yield Rp 0,2 (Mpa)	Tensile strength (Mpa)	Min. Elongation		Min. Impact Energy				Joule min.
		200%	50%	≤ 25	> 25	> 50	> 75	
260	485 - 620	17	21	-46	-40	-35	-29	20

Chemical composition :

Thickness	C	Mn	P	S	Si
	max.		max.	max.	
≤ 12,5 mm.	0,27	0,85 - 1,20	0,025	0,025	0,15 - 0,40
> 12,5 - 50 mm.	0,28	0,85 - 1,20	0,025	0,025	0,15 - 0,40
> 50 - 100 mm.	0,30	0,85 - 1,20	0,025	0,025	0,15 - 0,40
> 100 - 200 mm.	0,31	0,85 - 1,20	0,025	0,025	0,15 - 0,40
> 200 mm.	0,31	0,85 - 1,20	0,025	0,025	0,15 - 0,40

Available from stock :

Length	Width	Thickness
max. 14000 mm.	2000 / 2500 / 3000 mm. 3250 / 3500 mm. 4000 mm.	6 - 200 mm. max. 60 mm. max. 30 mm.

* Please note that the information mentioned above is a brief summary.
For full specification, we refer to the actual norm.