



## BOILER PLATES

<b>QUALITY</b>	<b>P355GH</b>
<b>STEEL NUMBER</b>	1.0473
<b>NORM</b>	EN 10028-2
<b>CERTIFICATION</b>	3.1 / 3.2 - EN 10204 / TCM
<b>HEAT TREATMENT</b>	Normalized

### Mechanical properties :

Thickness mm.	Min. yield (Mpa)	Min. yield Rp 0,2 (Mpa)	Tensile strength (Mpa)	Min. Elongation (%)	Min. Impact Energy (KV J transverse)		
					-20°	0°	+20°
≤ 16	355	-	510 - 650	20	27	34	40
> 16 ≤ 40	345	-	510 - 650	20	27	34	40
> 40 ≤ 60	335	-	510 - 650	20	27	34	40
> 60 ≤ 100	315	-	490 - 630	20	27	34	40
> 100 ≤ 150	295	-	480 - 630	20	27	34	40
> 150 ≤ 250	280	-	470 - 630	20	27	34	40

### Chemical composition :

C	Si	Mn	P	S	Al	N	Cr	Cu	Mo	Nb	Ni	Ti	V
0,10-0,22	≤ 0,60	1,10-1,70	max. 0,025	max. 0,015	≥ 0,020	≤ 0,012	≤ 0,30	≤ 0,30	≤ 0,08	≤ 0,020	≤ 0,30	max. 0,03	≤ 0,02

Remark : Cr+Cu+Mo+Ni ≤ 0.70

### 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.