



## BOILER PLATES

<b>QUALITY</b>	<b>P265GH</b>
<b>STEEL NUMBER</b>	1.0425
<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 (Reh)	Tensile strength (Mpa)	Min. Elongation (%)	Min. Impact Energy (KV J transverse)		
					-20°	0°	+20°
≤ 16	265	-	410 - 530	22	27	34	40
> 16 ≤ 40	255	-	410 - 530	22	27	34	40
> 40 ≤ 60	245	-	410 - 530	22	27	34	40
> 60 ≤ 100	215	-	410 - 530	22	27	34	40
> 100 ≤ 150	200	-	400 - 530	22	27	34	40
> 150 ≤ 250	185	-	390 - 530	22	27	34	40

### Chemical composition :

C	Si	Mn	P	S	Al	N	Cr	Cu	Mo	Nb	Ni	Ti	V
≤ 0.20	≤ 0.40	0.80 – 1.40	max.	max.	≥ 0.020	≤ 0.012	≤ 0.30	≤ 0.30	≤ 0.08	≤ 0.020	≤ 0.30	max.	≤ 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.	5 - 150 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.