



OFFSHORE PLATES

QUALITY	S355G10
STEEL NUMBER	1.8813
NORM	EN 10225 + NORSOK M-120-Y20
CERTIFICATION	3.2 - EN 10204 / TCM
HEAT TREATMENT	TM
DEOXIDATION	fully-killed

Mechanical properties :

Thickness mm.	Min. yield (Mpa)	Tensile strength (Mpa)	Min. Elongation (%)	Min. Impact Energy (KV J transverse)
				-40°
≤ 16	355	470 - 630	22	50
> 16 ≤ 25	355	470 - 630	22	50
> 25 ≤ 40	345	470 - 630	22	50
> 25 ≤ 40	335	470 - 630	22	50
> 40 ≤ 63	325	470 - 630	22	50
> 63 ≤ 100	325	470 - 630	22	50
> 100 ≤ 150	-	-	22	50

Chemical composition :

C	Si	Mn.	Cr	Si	Mo	P	S	N	Cu	Ni	V	Nb	Ti	Al
max.	max.	max.	max.	max.	max.	max.	max.	max.	max.	max.	max.	max.	max.	max.
0,12	0,15-0,55	1,65	0,2	0,55	0,08	0,015	0,005	0,010	0,30	0,70	0,060	0,030	0,025	0,015-0,055

Available from stock :

Length	Width	Thickness
max. 12000 mm.	2050 / 2500 / 3050 mm.	8 - 150 mm.

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