



ULTRA HIGH YIELD PLATES

QUALITY	S690QL
STEEL NUMBER	1.8928
NORM	EN 10025-6
CERTIFICATION	3.1 / 3.2 - EN 10204 / TCM
HEAT TREATMENT	Quenched (+ tempered)

Mechanical properties :

Thickness mm.	Min. yield (Mpa)	Min. yield Rp 0,2 (Mpa)	Tensile strength (Mpa)	Min. Elongation (%)	Min. Impact Energy (KV J transverse)				
					-60°	-40°	-20°	0°	+20°
≥ 3 ≤ 50	690	-	770 - 940	14	-	27	30	35	-
> 50 ≤ 100	650	-	760 - 930	14	-	27	30	35	-
> 100 ≤ 150	630	-	710 - 900	14	-	27	30	35	-

Chemical composition :

C	Si	Mn	Zr	P	S	B	N	Cr	Cu	Mo	Nb	Ni	Ti	V
max. 0,20	max. 0,80	max. 1,70	max. 0,15	max. 0,020	max. 0,010	max. 0,005	max. 0,015	max. 1,50	max. 0,50	max. 0,70	max. 0,06	max. 2,0	max. 0,05	max. 0,15

Available from stock :

Length	Width	Thickness
max. 14000 mm.	2000 / 2500 / 3000 mm.	8 - 100 mm.

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