

HIGH TENSILE PLATES (QUENCHED & TEMPERED STEEL)

Specifications	Chemical										Mechanical Mpa, min			
	C Max	Mn Max	Si Max	S Max	P Max	Cr Max	Mo Max	Ni Max	Cu Max	B MAX	Tensile	Yield	% EL	
A 537 CL - 2	0.24	1.6	0.5	0.035	0.035	0.25	0.08	0.25	0.35	—	550-690	415	22%	
S 690 QL	0.20	1.7	0.8	0.01	0.02	1.5	0.7	2	0.5	0.005	770-940	690	14%	
WELDOX 700	0.20	1.6	0.6	0.01	0.020	0.7	0.7	2	0.3	0.005	780-930	700	14%	
DILLIMAX 690	0.2	1.6	0.5	0.005	0.018	1.5	0.6	1.8	0.5	0.004	770-930	690	14%	
QUEND 700	0.2	1.5	0.6	0.01	0.02	0.6	0.5	1	0.5	0.005	940-1100	900	14%	
WELTON 780	1.8	1.5	0.25	0.01	0.02	0.6	0.5	1	0.5	0.005	770-930	690	14%	