



2507

(UNS S32750) W Nr. 1.4410

Chemical composition	C	Si	Mn	Cr	Ni	Mo	N	P	S	Fe
% Present (Max)	≤0.03	≤0.80	≤1.20	24.0 – 26.0	6.0–8.0	3.0–5.0	0.24 – 0.32	≤0.035	≤0.020	Balance

S32750 is a super duplex stainless steel designed for very high strength and exceptional corrosion resistance in aggressive chloride environments. With high chromium, molybdenum, and nitrogen content, it provides outstanding resistance to pitting, crevice corrosion, and stress-corrosion cracking, particularly in seawater and oil & gas applications. It has roughly twice the yield strength of 316L, allowing for reduced wall thickness in pressure-containing equipment.

Note: Values are in accordance with EN 10088 specifications. Actual mill certs available upon request.

