

Stainless Steel Super Duplex 2507

UNS S32750

Characteristics.

- It is a stainless steel super duplex usable in applications requiring exceptional strength.
- Corrosion resistant.
- Its composition: 25% chromium, 4% molybdenum and 7% nickel.
- Its use is limited to temperatures below 600 ° F (316 ° C).
- If exposed to high temperatures may reduce the strength and corrosion resistance.
- Excellent mechanical properties.
- Resistant to corrosion by organic and inorganic acids and to intergranular corrosion caused by carbide.
- Low thermal expansion.
- Easy to weld and work.
- Applicable in desalination equipment, pressure vessels, chemical processing, pipelines and heat exchangers, marine, pulp and paper industry, offshore oil production, equipment for the oil and gas.

Shape or Presentation

- Sheet
- Plate
- Bar
- Tube
- Tubing
- Accessories

Chemical Composition %

Cr	Ni	Mo	C	N	Mn
24.0 – 26.0	6.0 – 8.0	3.0 – 5.0	0.030 max	24 – 32	1.20 max
Si	Cu	P	S	Fe	
0.80 max	0.50 max	0.035 max	0.020 max	Balance	