

Stainless Steel 321

UNS S32100

Characteristics.

- Stabilized austenitic alloy with titanium helps reduce or prevent carbide precipitation during welding processes and conditions of service.
- Heat resistant.
- Corrosion resistant.
- Applications in chemical industry, aerospace, petrochemical, etc.

Shape or Presentation

- Sheet
- Plate
- Bar
- Tube
- Tubing
- Wire

Chemical Composition %

| Cr | Ni | Mo | Cu | Ti | C |
|---------------------|--------------------|----------|----------|------------------------------|----------|
| 17.0 min - 19.0 max | 9.0 min - 12.0 max | 0.75 max | 0.75 max | 5x(C+N) min - 0.70 max | 0.08 max |
| Mn | Si | P | S | N | Fe |
| 2.0 max | 0.25 min - 1.0 max | 0.04 max | 0.03 max | 0.1 max | Balance |