



Material - ASTM A240 UNS S31060

Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications

Group - Ferrous Stainless Steel Alloys

Sub Group - ASTM A240 Chromium and Chromium-Nickel Stainless Steel for Pressure Vessels and for General Applications

Application - Intended for Valve, Pump, General Engineering, Automotive and Other Industries

Grade Belongs to the Industry - Steel, Plate, Sheet and Strip

| Chemical Composition | | | Heat Treatment | |
|----------------------|---------|-----------------|--------------------|--|
| Carbon | C % | 0.050 - 0.100 | Solution Annealing | |
| Silicon | Si % | 0.500 max. | | |
| Manganese | Mn % | 1.000 max. | | |
| Phosphorus | P % | 0.040 max. | | |
| Sulphur | S % | 0.030 max. | | |
| Chromium | Cr % | 22.000 - 24.000 | | |
| Nickel | Ni % | 10.000 - 12.500 | | |
| Nitrogen | N % | 0.180 - 0.250 | | |
| Ce + La | Ce + La | 0.025 - 0.070 | | |
| Boron | B % | 0.001 - 0.010 | | |
| Iron | Fe % | Balance | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |

| Cross Reference Table | | | |
|-----------------------|----------|---------|-------------------------------|
| Material | Standard | Country | Grade Belong to the Industry |
| A451 CPE20N | ASTM | USA | Centrifugal Cast Steel Pipes |
| J92802 | UNS | USA | Casting |
| J92805 | UNS | USA | Casting |
| A213 S31060 | ASTM | USA | Tube |
| A240 S31060 | ASTM | USA | Steel, Plate, Sheet and Strip |
| A959 S31060 | ASTM | USA | Steel |
| SA-213 S31060 | ASME | USA | Steel |

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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