

410 – IS 6911 : 2017-Technical Datasheet

1. Chemical & Mechanical Properties (Annealed, CR Sheet)

| Property | Value |
|-------------------|-----------|
| C (%) | 0.15 |
| Mn (%) | ≤1.00 |
| Si (%) | ≤1.00 |
| P (%) | ≤0.040 |
| S (%) | ≤0.030 |
| Cr (%) | 11.5–13.5 |
| Ni (%) | ≤0.75 |
| Mo (%) | — |
| N (%) | — |
| UTS (MPa min) | 515 |
| YS 0.2% (MPa min) | 205 |
| El (%) min | 40 |

2. Equivalent / Alternative Grades

| Grade | Standard | UNS | EN | JIS |
|-------|---|--------|--------|--------|
| 410 | ASTM A240 / EN 10088 / JIS G 4305 | S41000 | 1.4006 | SUS410 |

3. Common Applications

- Automotive trim
- Furnace parts
- Flue gas components

4. Standard Conformance

Cold-rolled stainless-steel sheet and strip conforming to IS 6911 : 2017.

5. Disclaimer

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